



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: **BRC-2**

June 6, 2018

Ms. Wendy Katagi
Stillwater Sciences
555 West 5th Street, 35th Floor
Los Angeles, CA 90013

Dear Ms. Katagi:

**AS-NEEDED ENVIRONMENTAL SERVICES
FOR WATER RESOURCES CORE SERVICE AREA
CONTRACT NUMBER PW15168**

Enclosed is the signed and fully executed Contract for the project. Also enclosed is a copy of the Public Works Invoice Instructions. The Contract commenced on June 6, 2018, date of full execution.

If you have any questions, please call Mr. Joseph Chang, at (626) 300-2346.

Very truly yours,

MARK PESTRELLA
Director of Public Works

for [Signature]
JOSE QUEVEDO

Assistant Deputy Director
Business Relations and Contracts Division

JQ:jc

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Enc.

PUBLIC WORKS INVOICING INSTRUCTIONS

In order to track expenditures and process invoices in a timely manner, all invoices submitted to Public Works shall show the following information clearly and prominently. A sample invoice format for consultant invoices is attached. This information could be included on a cover sheet with your standard invoice. Invoices not containing this necessary information will be rejected.

- Company name, address, phone number and fax number
- Invoice date
- Invoice number
- Time period covered by invoice
- Project title/description
- Specs. number and C.P. number (if applicable)
- Purchase order/contract number (unless pending)
- Supplemental agreement number (if applicable)
- DSR number (for earthquake work)
- Project Number (for earthquake work)
- Los Angeles County Building ID (for earthquake work)
- Federal ID Number or Vendor Code (for earthquake work)
- Contract amount
- Amount due on this invoice
- Contract balance remaining after this invoice
- Detailed description of services provided
- Back-up material supporting reimbursable expenses
(receipts, etc.)

Each invoice shall also have a blank space, approximately 3x5 inches, on the page which shows the total amount due for this invoice. This space is for Public Works' use.

For earthquake recovery projects, costs must be summarized by Project Number Account.

Your Public Works Project Manager will assist you in establishing the correct invoicing procedures.

Consultants shall send the original invoice and three complete copies (including any backup material) to your Public Works Project Manager.

All original invoices (without backup material) shall be sent to:

ACCOUNTS PAYABLE
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 7508
ALHAMBRA, CA 91802-7508

If you have any questions, you may call your Public Works Project Manager, Crystal Franco at (626) 458-6158.

COMPANY LETTERHEAD--
NAME, ADDRESS, PHONE NO., FAX NO.

To: Ms. Crystal Franco (Public Works Project Manager)
Department of Public Works
P. O. Box 1460
Alhambra, California 91802-1460
(or other address if provided by Public Works Project Manager)

Specs. Number, C.P. Number (if applicable)	Invoice Date
Contract Number or P. O. Number (unless pending)	Invoice Number
Supplemental Agreement Number (if applicable)	For earthquake work:
Time Period covered by Invoice	- DSR Number
	- Project Number
Project Title/Description	- L. A. County
	Building ID Number

Detailed Description of Services Provided

Contract Amount

Amount Due This Invoice

Balance Remaining on Contract

Backup material to support Reimbursable Expenses is attached.
(if Reimbursable Expenses are being charged)

One copy (without back-up) is being sent to:

ACCOUNTS PAYABLE MANAGER
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 7508
ALHAMBRA, CA 91802-7508

THIS SPACE FOR PUBLIC WORKS USE

VENDOR REGISTRATION WITH THE COUNTY OF LOS ANGELES

All potential bidders/proposers with the County of Los Angeles are required to register in WebVen and have a valid vendor number assigned to them. The vendor number is required by the Auditor-Controller and is necessary for any payments to be made to a contractor who is awarded a County project. Vendor registration can be done online at <http://camisvr.co.la.ca.us/lacobids/> or calling the County's Internal Service Department Central Purchasing Vendor Relations Unit at (323) 267-2725. If you are awarded a contract and you do not have a valid vendor number, your payments will be delayed until you are registered.

AS-NEEDED ENVIRONMENTAL SERVICES
FOR
WATER RESOURCES CORE SERVICE AREA

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT, made and entered into this 6 day of June, 2018.

BY AND BETWEEN

COUNTY OF LOS ANGELES, State of California, hereinafter referred to as County,

AND

STILLWATER ECOSYSTEM, WATERSHED & RIVERINE SCIENCES,
a California Corporation,
hereinafter referred to as Consultant,

The parties hereto do mutually agree as follows:

1. Definition

County means collectively the County of Los Angeles, acting for itself and acting on behalf of the Los Angeles County Flood Control District, the County of Los Angeles Waterworks Districts, and the Consolidated Sewer Maintenance District of the County of Los Angeles; and includes acting as agent for such joint powers authority or nonprofit corporation as may be involved in the issuance of bonds, certificates of participation, or other evidences of indebtedness to finance the work contemplated herein; or said joint powers authority or nonprofit corporation.

2. Consultant's Services

The scope of work shall be as outlined in the Scope of Services, Attachment 1. Consultant's proposal, Request for Proposals – RFP No. AED7740082, and all addenda/notices to the RFP, are incorporated herein as a part of this Contract. In the event that any conflict or inconsistency between this Contract and Consultant's proposal are found, such conflict or inconsistency shall be resolved by giving precedence first to the Contract and the attachments to the Contract.

No work shall commence on this project until a written Notice to Proceed is issued by County. County does not guarantee or promise that any work will be assigned to Consultant under this contract until a written Notice to Proceed is issued by the County.

Consultant is also referred herein as Contractor.

3. Consideration

In consideration of the performance by Consultant in a manner satisfactory to County of the services described in Paragraph 2 above, including receipt and acceptance of such work by Director of the County of Los Angeles Department of Public Works (hereinafter called Director), County agrees to pay Consultant **a maximum not to exceed fee of Five Million Eight Hundred Eighteen Thousand Dollars (\$5,818,000)** in the manner set forth immediately below and according to the Schedule of Prices attached to this Agreement as **Attachment 3**. County does not guarantee any work or services of any specific monetary amount under this Contract.

Consultant shall invoice County upon the completion of tasks, subtasks, deliverables, and other additional services specified in this Agreement, Scope of Work, and any change orders, as applicable, and which have been approved in writing by the County.

- a. Payments for the work accomplished shall be made upon verification and acceptance of such work by Director, as stated in the Scope of Services, **Attachment 1**. Invoices shall be accompanied by an analysis of work completed for the invoice period. This analysis shall be prepared in a format satisfactory to Director.
- b. At the sole discretion of the Director, or his/her designee, the initial not-to-exceed contract amount may be supplemented by up to twenty-five percent **(25%)** of the original contract amount. The amendment shall be executed in accordance with Paragraph 49 Supplemental/Amendment. Work will be based on Consultant's Schedule of Prices attached to this Agreement as **Attachment 3**.
- c. Consultant shall not proceed with additional services not set forth in the scope of work or perform services outside the Contract Term without an amendment to this Agreement as set forth in Paragraph 49. Consultant will not be paid for any expenditure beyond the Contract amount stipulated without an amendment to this Agreement.
- d. No Payment for Services Provided Following Expiration/Termination of Agreement: Consultant shall have no claim against County for payment for any money or reimbursement, of any kind whatsoever, for any service provided by Consultant after the expiration or other termination of this Agreement. Should Consultant receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. Payment by County for services rendered after expiration/termination of this Agreement shall not constitute a waiver of County's right to recover such payment from Consultant. This provision shall survive the expiration or other termination of this Agreement.

- e. If requested by the Consultant, the contract (hourly, daily, monthly, etc.) amount may, at the sole discretion of the County, be increased at the time of contract renewal, if exercised by the County, based on the most recently published percentage change in the U.S. Department of Labor, Bureau of Labor Statistics' Consumer Price Index (CPI) for the Los Angeles-Riverside-Orange County Area for the 12-month period preceding the contract renewal date, which shall be the effective date for any Cost of Living Adjustment (COLA). However, any increase shall not exceed the general salary movement granted to County employees as determined by the Chief Executive Officer as of each July 1 for the prior 12-month period. Furthermore, should fiscal circumstances ultimately prevent the Board from approving any increase in County employee salaries, no COLA will be granted. Upon approval of a COLA, a notification will be sent to the Consultant.
- f. Consultant will notify County when Contract amount has been incurred up to 75% of the Contract total.

4. Equipment and Supplies

Consultant agrees to furnish all necessary equipment and supplies used in the performance of the aforementioned services at Consultant's sole cost and expense.

5. County's Responsibility

County will make available drawings, specifications, and other records as available in County Department of Public Works' file. Notwithstanding the foregoing, County does not represent the accuracy of the content of said materials.

6. County's Representative

Director or Director's authorized representative, shall represent County in all matters pertaining to the services to be rendered pursuant to this Agreement.

7. Term

- a. The term of this Agreement shall be for a period of **three (3)** years commencing on the date of full execution of the contract. At the sole discretion of the County, this Agreement may be extended for **one (1)** additional one-year term, not to exceed a total contract period of **four (4)** years. No work will proceed until a Notice to Proceed is issued by the County.
- b. The Consultant shall notify Public Works when this Contract is within six (6) months from the expiration of the term as provided for hereinabove. Upon occurrence of this event, the Consultant shall send written notification to Public Works at the

address herein provided in Notices Paragraph.

- c. If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

8. Assignment and Delegation

- a. Consultant shall not assign its rights or delegate its duties under the Agreement, or both, whether in whole or in part, without the prior written consent of County, in its discretion, and any attempted assignment or delegation without such consent shall be null and void. For purposes of this paragraph, County consent shall require a written amendment to the Agreement, which is formally approved and executed by the parties. Any payments by County to any approved delegate or assignee on any claim under the Agreement shall be deductible, at County's sole discretion, against the claims which Consultant may have against County.
- b. Shareholders, partners, members, or other equity holders of Consultant may transfer, sell, exchange, assign, or divest themselves of any interest they may have therein. However, in the event any such sale, transfer, exchange, assignment, or divestment is effected in such a way as to give majority control of Consultant to any person(s), corporation, partnership, or legal entity other than the majority controlling interest therein at the time of execution of the Agreement, such disposition is an assignment requiring the prior written consent of County in accordance with applicable provisions of this Agreement.
- c. Any assumption, assignment, delegation, or takeover of any of the Consultant's duties, responsibilities, obligations, or performance of same by any entity other than the Consultant, whether through assignment, subcontract, delegation, merger, buyout, or any other mechanism, with or without consideration for any reason whatsoever without County's express prior written approval, shall be a material breach of the Agreement which may result in the termination of the Agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

9. Authorization Warranty

The Consultant represents and warrants that the person executing this Contract for the Consultant is an authorized agent who has actual authority to bind the Consultant to each and every term, condition, and obligation of this Contract and that all requirements of the Consultant have been fulfilled to provide such actual authority.

10. Budget Reductions

In the event that the County's Board of Supervisors adopts, in any fiscal year, a County Budget which provides for reductions in the salaries and benefits paid to the majority of County employees and imposes similar reductions with respect to County Contracts, the County reserves the right to reduce its payment obligation under this Contract correspondingly for that fiscal year and any subsequent fiscal year during the term of this Contract (including any extensions), and the services to be provided by the Consultant under this Contract shall also be reduced correspondingly. The County's notice to the Consultant regarding said reduction in payment obligation shall be provided within thirty (30) calendar days of the Board's approval of such actions. Except as set forth in the preceding sentence, the Consultant shall continue to provide all of the services set forth in this Contract.

11. Compliance with Applicable Law

- a. In the performance of this Contract, Consultant shall comply with all applicable Federal, State and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures, and all provisions required thereby to be included in this Contract are hereby incorporated herein by reference.
- b. Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs, and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with any such laws, rules, regulations, ordinances, directives, guidelines, policies, or procedures, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction or other equitable relief, or make any admission, in each case, on behalf of County without County's prior written approval.

12. Compliance with Civil Rights Laws

The Consultant hereby assures that it will comply with Subchapter VI of the Civil Rights Act of 1964, 42 USC Sections 2000 (e) (1) through 2000 (e) (17), to the end that no person shall, on the grounds of race, creed, color, sex, religion, ancestry, age, condition of physical handicap, marital status, political affiliation, or national origin, be excluded

from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract. The Consultant shall comply with Consultant's EEO Certification.

13. Compliance with Jury Service Program

This Contract is subject to provisions of the County's ordinance entitled Contractor Employee Jury Service (Jury Service Program) as codified in Sections 2.203.010 through 2.203.090 of the Los Angeles County Code, incorporated by reference and made a part of this Agreement.

- a. Unless Consultant, also referred herein as Contractor, has demonstrated to the County's satisfaction either that Contractor is not a Contractor as defined under the Jury Service Program (Section 2.203.020 of the County Code) or that Contractor qualifies for an exception to the Jury Service Program (Section 2.203.070 of the County Code), Consultant shall have and adhere to a written policy that provides that its Employees shall receive from the Contractor, on an annual basis, no less than five days of regular pay for actual jury service. The policy may provide that Employees deposit any fees received for such jury service with the Contractor or that the Contractor deduct from the Employee's regular pay the fees received for jury service.
- b. For purposes of this Section, Contractor means a person, partnership, corporation
b. or other entity which has a Contract with the County or a subcontract with a County Contractor and has received or will receive an aggregate sum of \$50,000 or more in any 12-month period under one or more County Contracts or subcontracts. Employee means any California resident who is a full -time employee of Contractor. Full- time means 40 hours or more worked per week, or a lesser number of hours if:
1) the lesser number is a recognized industry standard as determined by the County, or 2) Contractor has a long-standing practice that defines the lesser number of hours as full-time. Full-time employees providing short-term, temporary services of 90 days or less within a 12-month period are not considered full-time for purposes of the Jury Service Program. If Contractor uses any subcontractor to perform services for the County under the Contract, the subcontractor shall also be subject to the provisions of this Paragraph. The provisions of this Section shall be inserted into any such subcontract Agreement and a copy of the Jury Service Program shall be attached to the Agreement.
- c. If Consultant is not required to comply with the Jury Service Program when the Contract commences, Contractor shall have a continuing obligation to review the applicability of its exception status from the Jury Service Program, and Contractor shall immediately notify County if Contractor at any time either comes within the Jury Service Program's definition of Contractor or if Contractor no longer qualifies

for an exception to the Program. In either event, Contractor shall immediately implement a written policy consistent with the Jury Service Program. The County may also require, at any time during the Agreement and at its sole discretion, that Contractor demonstrate to the County's satisfaction that Contractor either continues to remain outside the Jury Service Program's definition of Contractor and/or that Contractor continues to qualify for an exception to the Program.

- d. Contractor's violation of this Paragraph of the Agreement may constitute a material breach of the Agreement. In the event of such material breach, County may, in its sole discretion, terminate the Contractor and/or bar Contractor from the award of future County contracts for a period of time consistent with the seriousness of the breach.

14. Confidentiality

Consultant shall maintain the confidentiality of all records and information, proprietary information, software codes, trade secrets, confidential information, etc., whether of County or third parties, in accordance with all applicable Federal, State, and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures relating to confidentiality, including, without limitation, County policies concerning information technology security and the protection of confidential records and information.

Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting, or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with this Paragraph, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction, or make any admission, in each case, on behalf of County without County's prior written approval.

15. Conflict of Interest

No County employee in a position to influence the award of this Agreement or any competing Agreement, and no spouse or economic dependent of such employee, shall be employed in any capacity by Consultant herein, or have any other direct or indirect

financial interest in this Agreement. No officer or employee of the Consultant who may financially benefit from the performance of work hereunder shall in any way participate in the County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence the County's approval or ongoing evaluation of such work.

The Consultant shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the term of this Agreement. The Consultant warrants that it is not now aware of any facts that create a conflict of interest. If the Consultant hereafter becomes aware of any facts that might reasonably be expected to create a conflict of interest, it shall immediately make full written disclosure of such facts to the County. Full written disclosure shall include, but is not limited to, identification of all persons implicated and a complete description of all relevant circumstances. Failure to comply with the provisions of this Paragraph shall be a material breach of this Agreement.

16. Consideration of Hiring County Employees Targeted for Layoff/or Re-Employment List

Should the Consultant require additional or replacement personnel after the effective date of this Contract to perform the services set forth herein, the Consultant shall give first consideration for such employment openings to qualified, permanent County employees who are targeted for layoff or qualified, former County employees who are on a re-employment list during the life of this Contract.

17. Consideration of Hiring GAIN/GROW Program Participants

Should the Consultant require additional or replacement personnel after the effective date of this Contract, the Consultant shall give consideration for any such employment openings to participants in the County's Department of Public Social Services Greater Avenues for Independence (GAIN) Program or General Relief Opportunity for Work (GROW) Program who meet the Consultant's minimum qualifications for the open position. For this purpose, consideration shall mean that the Consultant will interview qualified candidates. The County will refer GAIN/GROW participants by job category to the Consultant. Consultant shall report all job openings with job requirements to: GAINGROW@dpss.lacounty.gov to obtain a list of qualified GAIN/GROW job candidates.

In the event that both laid-off County employees and GAIN/GROW participants are available for hiring, County employees shall be given first priority.

18. Background and Security Investigations

- a. Each of Contractor's staff performing services under this Contract, who is in a designated sensitive position, as determined by County in County's sole discretion, shall undergo and pass a background investigation to the satisfaction of County as a condition of beginning and continuing to perform services under this Contract.

Such background investigation must be obtained through fingerprints submitted to the California Department of Justice to include State, local, and federal-level review, which may include, but shall not be limited to, criminal conviction information. The fees associated with the background investigation shall be at the expense of the Contractor, regardless of whether the member of Contractor's staff passes or fails the background investigation.

- b. If a member of Contractor's staff does not pass the background investigation, County may request that the member of Contractor's staff be removed immediately from performing services under the Contract. Contractor shall comply with County's request at any time during the term of the Contract. County will not provide to Contractor or to Contractor's staff any information obtained through the County's background investigation.
- c. County, in its sole discretion, may immediately deny or terminate facility access to any member of Contractor's staff that does not pass such investigation to the satisfaction of the County or whose background or conduct is incompatible with County facility access.
- d. Disqualification of any member of Contractor's staff pursuant to this Paragraph shall not relieve Contractor of its obligation to complete all work in accordance with the terms and conditions of this Contract.

19. Consultant Responsibility and Debarment

- a. A responsible Consultant is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors.
- b. The Contractor is hereby notified that, in accordance with Chapter 2.202 of the County Code, if the County acquires information concerning the performance of the Contractor on this or other Contracts which indicates that the Contractor is not responsible, the County may, in addition to other remedies provided in the Contract, debar the Contractor from bidding or proposing on, or being awarded, and/or performing work on County Contracts for a specified period of time, which generally will not exceed five years but may exceed five years or be permanent if warranted by the circumstances, and terminate any or all existing Contracts the Contractor may have with the County.
- c. The County may debar a Contractor if the Board of Supervisors finds, in its discretion, that the Contractor has done any of the following: (1) violated a term of a Contract with the County or a nonprofit corporation created by the County; (2) committed an act or omission which negatively reflects on the Contractor's quality, fitness or capacity to perform a Contract with the County, any other public entity, or a nonprofit corporation created by the County, or engaged in a pattern or practice

which negatively reflects on same; (3) committed an act or offense which indicates a lack of business integrity or business honesty, or (4) made or submitted a false claim against the County or any other public entity.

- d. If there is evidence that the Contractor may be subject to debarment, the Department will notify the Contractor in writing of the evidence which is the basis for the proposed debarment and will advise the Contractor of the scheduled date for a debarment hearing before the Contractor Hearing Board.
- e. The Contractor Hearing Board will conduct a hearing where evidence on the proposed debarment is presented. The Contractor and/or the Contractor's representative shall be given an opportunity to submit evidence at that hearing. After the hearing, the Contractor Hearing Board shall prepare a tentative proposed decision, which shall contain a recommendation regarding whether the Contractor should be debarred, and, if so, the appropriate length of time of the debarment. The Contractor and the Department shall be provided an opportunity to object to the tentative proposed decision prior to its presentation to the Board of Supervisors.
- f. After consideration of any objections, or if no objections are submitted, a record of the hearing, the proposed decision and any other recommendation of the Contractor Hearing Board shall be presented to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny or adopt the proposed decision and recommendation of the Hearing Board.
- g. If the Contractor has been debarred for a period longer than five years, that Contractor may, after the debarment has been in effect for at least five years, submit a written request for review of the debarment determination to reduce the period of debarment or terminate the debarment. The County may, in its discretion, reduce the period of debarment or terminate the debarment if it finds that the Contractor has adequately demonstrated one or more of the following: (1) elimination of the grounds for which the debarment was imposed; (2) a bona fide change in ownership or management; (3) material evidence discovered after debarment was imposed; or (4) any other reason that is in the best interests of the County.
- h. The Contractor Hearing Board will consider a request for review of a debarment determination only where (1) the Contractor has been debarred for a period longer than five years; (2) the debarment has been in effect for at least five years; and (3) the request is in writing, states one or more of the grounds for reduction of the debarment period or termination of the debarment, and includes supporting documentation. Upon receiving an appropriate request, the Contractor Hearing Board will provide notice of the hearing on the request. At the hearing, the Contractor Hearing Board shall conduct a hearing where evidence on the proposed reduction of debarment period or termination of debarment is presented. This hearing shall be conducted and the request for review decided by the Contractor Hearing Board pursuant to the same procedures as for a debarment hearing.

The Contractor Hearing Board's proposed decision shall contain a recommendation on the request to reduce the period of debarment or terminate the debarment. The Contractor Hearing Board shall present its proposed decision and recommendation to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny, or adopt the proposed decision and recommendation of the Contractor Hearing Board.

i. These terms shall also apply to subcontractors of County Contractors.

20. Consultant's Acknowledgement of County's Commitment to the Safely Surrendered Baby Law and Notice to Employees Regarding the Safely Surrendered Baby Law

The Consultant acknowledges that the County places a high priority on the implementation of the Safely Surrendered Baby Law. The Consultant understands that it is the County's policy to encourage all County Consultants to voluntarily post the County's "Safely Surrendered Baby Law" poster in a prominent position at the Consultant's place of business. The Consultant will also encourage its Subconsultants, if any, to post this poster in a prominent position in the Subconsultant's place of business. The County's Department of Children and Family Services will supply the Consultant with the poster to be used. Information on how to receive the poster can be found on the Internet at www.babysafela.org.

The Consultant shall notify and provide to its employees, and shall require each Subconsultant to notify and provide to its employees, a fact sheet regarding the Safely Surrendered Baby Law, its implementation in Los Angeles County, and where and how to safely surrender a baby. The fact sheet is available on the Internet at www.babysafela.org for printing purposes.

21. Contractor's Warranty of Adherence to County's Child Support Compliance Program

Contractor acknowledges that County has established a goal of ensuring that all individuals who benefit financially from County through Contract are in compliance with their court-ordered child, family, and spousal support obligations in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

As required by County's Child Support Compliance Program (County Code Chapter 2.200) and without limiting Contractor's duty under this Contract to comply with all applicable provisions of law, Contractor warrants that it is now in compliance and shall during the term of this Contract maintain compliance with employment and wage reporting requirements as required by the Federal Social Security Act (42 USC Section 653a) and California Unemployment Insurance Code Section 1088.5, and shall implement all lawfully served Wage and Earnings Withholding Orders or District Attorney Notices of Wage and Earnings Assignment for Child or Spousal Support, pursuant to Code of Civil Procedure Section 706.031 and Family Code Section 5246(b).

Failure of Contractor to maintain compliance with these requirements shall constitute a default by Contractor under this Contract.

22. County's Quality Assurance Plan

County, or its agent, will evaluate Consultant's performance under this Agreement on not less than an annual basis. Such evaluation will include assessing Consultant's compliance with all Contract terms and performance standards. Consultant deficiencies which County determines are severe or continuing, and that may place performance of the Agreement in jeopardy if not corrected, will be reported to the Board of Supervisors. The report will include improvement/corrective action measures taken by County and Consultant. If improvement does not occur consistent with the corrective action measures, County may terminate this Agreement or impose other penalties as specified in this Agreement.

23. County Rights

The County may employ, either during or after performance of this Contract, any right of recovery the County may have against the Consultant by any means it deems appropriate including, but not limited to, set-off, action at law or in equity, withholding, recoupment, or counterclaim. The rights and remedies of the County under this Contract are in addition to any right or remedy provided by California law.

24. Damage to County Facilities, Buildings Grounds

- a. When applicable, the Consultant shall repair, or cause to be repaired, at its own cost, any and all damage to County facilities, buildings, or grounds caused by the Consultant or employees or agents of the Consultant. Such repairs shall be made immediately after the Consultant has become aware of such damage, but in no event later than thirty (30) days after the occurrence.
- b. If the Consultant fails to make timely repairs, County may make any necessary repairs. All costs incurred by County, as determined by County, for such repairs shall be repaid by the Consultant by cash payment upon demand.

25. Employment Eligibility Verification

Consultant warrants that it fully complies with all Federal statutes and regulations regarding employment of aliens and others, and that all its employees performing services hereunder meet the citizenship or alien status requirements contained in Federal statutes and regulations. Consultant shall obtain, from all covered employees performing services hereunder, all verifications and other documentation of employment eligibility status required by Federal statutes and regulations as they currently exist and as they may be hereafter amended. Consultant shall retain such

documentation for all covered employees for the period prescribed by law. Consultant shall indemnify, defend, and hold harmless County, its officers, and employees from employer sanctions and any other liability which may be assessed against Consultant or County in connection with any alleged violation of Federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Agreement.

26. Facsimile/Electronic Representations

The County and the Consultant hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on the amendments prepared, and received via communications facilities, as legally sufficient evidence that such original signatures have been affixed to amendments to this Contract, such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of "original" versions of such documents.

27. Fair Labor Standards

Consultant shall comply with all applicable provisions of the Federal Fair Labor Standards Act, and shall indemnify, defend, and hold harmless County, its agents, officers, and employees from any and all liability including, but not limited to, wages, overtime pay, liquidated damages, penalties, court costs, and attorneys' fees arising under any wage and hour law including, but not limited to, the Federal Fair Labor Standards Act for services performed by Consultant's employees for which County may be found jointly or solely liable.

28. Force Majeure

- a. Neither party shall be liable for such party's failure to perform its obligations under and in accordance with this Contract, if such failure arises out of fires, floods, epidemics, quarantine restrictions, other natural occurrences, strikes, lockouts (other than a lockout by such party or any of such party's subconsultants), freight embargoes, or other similar events to those described above, but in every such case the failure to perform must be totally beyond the control and without any fault or negligence of such party (such events are referred to in this Paragraph as "force majeure events").
- b. Notwithstanding the foregoing, a default by a subconsultant of Consultant shall not constitute a force majeure event, unless such default arises out of causes beyond the control of both Consultant and such subconsultant, and without any fault or negligence of either of them. In such case, Consultant shall not be liable for failure to perform, unless the goods or services to be furnished by the subconsultant were obtainable from other sources in sufficient time to permit Consultant to meet the required performance schedule. As used in this sub-paragraph, the term "subconsultant" and "subconsultants" mean subconsultants at any tier.

- c. In the event Consultant's failure to perform arises out of a force majeure event, Consultant agrees to use commercially reasonable best efforts to obtain goods or services from other sources, if applicable, and to otherwise mitigate the damages and reduce the delay caused by such force majeure event.

29. Governing Law, Jurisdiction, and Venue

This Contract shall be governed by, and construed in accordance with, the laws of the State of California. The Consultant agrees and consents to the exclusive jurisdiction of the courts of the State of California for all purposes regarding this Contract and further agrees and consents that venue of any action brought hereunder shall be exclusively in the County of Los Angeles.

30. Independent Consultant Status

This Agreement is by and between County of Los Angeles and Consultant and is not intended, and shall not be construed, to create the relationship of agent, servant, employee, partnership, joint venture, or association, as between County and Consultant. The employees and agents of one party shall not be, or be construed to be, the employees or agents of the other party for any purpose whatsoever.

The Consultant shall be solely liable and responsible for providing to, or on behalf of, all persons performing work pursuant to this Contract all compensation and benefits. The County shall have no liability or responsibility for the payment of any salaries, wages, unemployment benefits, disability benefits, Federal, State, or local taxes, or other compensation, benefits, or taxes for any personnel provided by or on behalf of the Consultant. Consultant understands and agrees that all persons furnishing services to County pursuant to this Agreement are, for purposes of Workers' Compensation liability, employees solely of Consultant and not of County.

Consultant shall bear the sole responsibility and liability for furnishing workers' compensation benefits to any person for injuries arising from, or connected with, services performed on behalf of Consultant pursuant to this Agreement.

31. Indemnification and Insurance

The Indemnification and Insurance Provisions are set forth in Attachment 2 of this Agreement.

32. Liquidated Damages

- a. If, in the judgment of the Director, or his/her designee, the Consultant is deemed to be non-compliant with the terms and obligations assumed hereby, the Director, or his/her designee, at his/her option, in addition to, or in lieu of, other remedies

provided herein, may withhold the entire monthly payment or deduct pro rata from the Consultant's invoice for work not performed. A description of the work not performed and the amount to be withheld or deducted from payments to the Consultant from the County, will be forwarded to the Consultant by the Director, or his/her designee, in a written notice describing the reasons for said action.

- b. If the Director or his/her designee, determines that there are deficiencies in the performance of this Contract that the Director, or his/her designee, deems are correctable by the Consultant over a certain time span, the Director, or his/her designee, will provide a written notice to the Consultant to correct the deficiency within specified time frames. Should the Consultant fail to correct deficiencies within said time frame, the Director, or his/her designee, may: (a) Deduct from the Consultant's payment, pro rata, those applicable portions of the Monthly Contract Sum; and/or (b) Deduct liquidated damages. The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure of the Consultant to correct a deficiency within the specified time frame. The parties hereby agree that under the such circumstances a reasonable estimate of the minimum value of the costs of such damages per infraction is Five Hundred Dollars (\$500) per day, plus any regulatory fines imposed on the County resulting from the deficiencies, and that the Consultant shall be liable to the County for liquidated damages in said amount. Said amount shall be deducted from the County's payment to the Consultant; and/or (c) Upon giving five (5) days' notice to the Consultant for failure to correct the deficiencies, the County may correct any and all deficiencies and the total costs incurred by the County for completion of the work by an alternate source, whether it be County forces or separate private Consultant, will be deducted and forfeited from the payment to the Consultant from the County, as determined by the County.
- c. The action noted in this Paragraph shall not be construed as a penalty, but as adjustment of payment to the Consultant to recover the County cost due to the failure of the Consultant to complete or comply with the provisions of this Contract.
- d. This Paragraph shall not, in any manner, restrict or limit the County's right to damages for any breach of this Contract provided by law or as specified in Paragraph b above, and shall not, in any manner, restrict or limit the County's right to terminate this Contract as agreed to herein.

33. Most Favored Public Entity

If the Consultant's prices decline, or should the Consultant at any time during the term of this Contract provide the same goods or services under similar quantity and delivery conditions to the State of California or any county, municipality, or district of the State at prices below those set forth in this Contract, then such lower prices shall be immediately extended to the County.

34. Nondiscrimination and Affirmative Action

- a. The Consultant certifies and agrees that all persons employed by it, its affiliates, subsidiaries, or holding companies are and shall be treated equally without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations.
- b. The Consultant shall certify to, and comply with, the provisions of Consultant's EEO Certification.
- c. The Consultant shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations. Such action shall include, but is not limited to: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- d. The Consultant certifies and agrees that it will deal with its subconsultants, bidders, or vendors without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation.
- e. The Consultant certifies and agrees that it, its affiliates, subsidiaries, or holding companies shall comply with all applicable Federal and State laws and regulations to the end that no person shall, on the grounds of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract.
- f. The Consultant shall allow County representatives access to the Consultant's employment records during regular business hours to verify compliance with the provisions of this Paragraph when so requested by the County.
- g. If the County finds that any provisions of this Paragraph have been violated, such violation shall constitute a material breach of this Contract upon which the County may terminate or suspend this Contract. While the County reserves the right to determine independently that the anti-discrimination provisions of this Contract have been violated, in addition, a determination by the California Fair Employment and Housing Commission or the Federal Equal Employment Opportunity Commission that the Consultant has violated Federal or State anti-discrimination laws or regulations shall constitute a finding by the County that the Consultant has violated the anti-discrimination provisions of this Contract.

- h. The parties agree that in the event the Consultant violates any of the anti-discrimination provisions of this Contract, the County shall, at its sole option, be entitled to the sum of Five Hundred Dollars (\$500) for each such violation pursuant to California Civil Code Section 1671 as liquidated damages in lieu of terminating or suspending this Contract.

35. Non-Exclusivity

Nothing herein is intended nor shall be construed as creating any exclusive arrangement with the Consultant. This Contract shall not restrict Department from acquiring similar, equal or like goods and/or services from other entities or sources.

36. Notice of Delays

Except as otherwise provided under this Contract, when either party has knowledge that any actual or potential situation is delaying or threatens to delay the timely performance of this Contract, that party shall, within one (1) business day, give notice thereof, including all relevant information with respect thereto, to the other party.

37. Notice of Disputes

The Consultant shall bring to the attention of the County's Project Manager and/or County's Project Manager's Supervisor any dispute between the County and the Consultant regarding the performance of services as stated in this Contract. If the County's Project Manager or County's Project Manager's Supervisor is not able to resolve the dispute, the Director of Public Works or his/her designee shall resolve it.

38. Notice to Employees Regarding the Federal Earned Income Credit

Consultant shall notify its employees, and shall require each subconsultant to notify its employees, that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws. Such notice shall be provided in accordance with the requirement set forth in Internal Revenue Service Notice 1015.

39. Contractor CARD Track/Monitoring Database

The County maintains databases that track/monitor contractor performance history. Information entered into such databases may be used for a variety of purposes, including determining whether the County will exercise a contract term extension option.

40. Notices

Any notice required or desired to be given pursuant to this Agreement shall be given in writing and addressed as follows:

COUNTY

Department of Public Works
Business Relations and Contracts Division
900 South Fremont Avenue, 8th Floor
Alhambra, CA 91803
(626) 300-2346

CONSULTANT

Stillwater Ecosystem,
Watershed & Riverine Sciences
2855 Telegraph Avenue, Suite 400
Berkeley, CA 94705
(424) 302-3910

The address for notice may be changed by giving notice pursuant to this paragraph.

41. Ownership of County Materials

- a. Consultant and County agree that all materials, including but not limited to, designs, specifications, techniques, plans, reports, deliverables, data, photographs, diagrams, maps, images, graphics, text, videos, advertising, software, source codes, website plans and designs, interactive media, drafts, working papers, outlines, sketches, summaries, edited and/or unedited versions of deliverables, and any other materials or information developed under this Agreement and any and all Intellectual Property rights to these materials, including any copyrights, trademarks, service marks, trade secrets, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof, are and/or shall be the sole property of County (hereafter collectively, "County Materials"). Consultant hereby assigns and transfers to County all Consultant's right, title and interest in and to all such County Materials developed under this Agreement.

Notwithstanding such County ownership in the County Materials, Consultant may retain possession of working papers and materials prepared by Consultant under this Contract. During and for a minimum of five years subsequent to the term of this Contract, County shall have the right to inspect any and all such working papers and materials, make copies thereof and use the working papers and materials and the information contained therein.

- b. Consultant shall execute all documents requested by County and shall perform all other acts requested by County to assign and transfer to, and vest in County, all Consultant's right, title and interest in and to the County Materials, including, but not limited to, any and all copyrights, trademarks, service marks, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof resulting from this Contract. County shall have the right to register all applicable copyrights, trademarks and patents in the name of the County of Los Angeles. Further, County shall have the right to assign, license, or otherwise transfer any and all County's rights, title and interest, including, but not limited to copyrights, trademarks, and

patents, in and to the County Materials.

- c. Consultant represents and warrants that the County Materials prepared herein under this Agreement, are the original work of Consultant and do not infringe upon any Intellectual Property or proprietary rights of third parties. For those portions of the County Materials that are not the original work of Consultant, Consultant represents and warrants that it has secured all appropriate licenses, rights, and/or permission from appropriate third parties to include such materials in the County Materials.

Consultant shall defend, indemnify and hold County harmless against any claims by third parties based on infringement of copyright, patent, trade secret, trademark, or any other claimed Intellectual Property or proprietary right, arising from County's use of County Materials created and/or prepared by Consultant. Consultant will also indemnify and defend at its sole expense, any action brought against County based on a claim that County Materials furnished hereunder by Consultant and used within the scope of this Agreement infringe any copyright, patent, trade secret, trademark, or any other claimed intellectual property or proprietary right of third parties, and Consultant will pay any costs, damages and attorney's fees incurred by County. County will notify Consultant promptly and in writing of any such action or claim and will permit Consultant to fully participate in the defense thereof.

- d. Consultant shall affix the following notice to all County Materials: "© Copyright 2015 (or such other appropriate date of first publication), County of Los Angeles. All Rights Reserved." Consultant shall affix such notice on the title page of all images, photographs, documents and writings, and otherwise as County may direct.
- e. County shall also have the sole right to control the preparation, modification, and revisions to, all acknowledgment and/or attribution language for all County Materials resulting from this Agreement. County will however, honor requests by Consultant seeking removal of all acknowledgment and/or attribution language relating to the Consultant, should Consultant no longer wish to receive attribution for its work on the County Materials.
- f. If directed to do so by County, Consultant will place the County name and County logo on County Materials developed under this Agreement. Consultant may not, however, use the County name and County logo on any other materials prepared or developed by Consultant that falls outside the scope of this Agreement.

42. Prohibition Against Inducement or Persuasion

Notwithstanding the above, the Consultant and the County agree that, during the term of this Contract and for a period of one year thereafter, neither party shall in any way

intentionally induce or persuade any employee of one party to become an employee or agent of the other party. No bar exists against any hiring action initiated through a public announcement.

43. Prohibition from Participation in Future Solicitation(s)

Neither Consultant nor any subsidiary of or subcontractor to Consultant shall participate in any way in any future solicitation conducted by County that includes or is based upon any solicitation document that is developed as a result of the services rendered by Consultant under this Agreement. As this prohibition applies to subcontractors of the Consultant, Consultant shall notify any subcontractors providing services under this Agreement of this prohibition before they commence work under this Agreement. Any response to a solicitation submitted by Consultant or by any subsidiary of or subcontractor to Consultant in violation of this provision shall be rejected by County. This provision shall survive the expiration or other termination of this Agreement.

44. Public Records Act

- a. Any documents submitted by the Consultant; all information obtained in connection with the County's right to audit and inspect the Consultant's documents, books, and accounting records pursuant to Record Retention and Inspection/Audit Settlement Paragraph of this Contract; as well as those documents which were required to be submitted in response to the Request for Proposals (RFP) used in the solicitation process for this Contract, become the exclusive property of the County. All such documents become a matter of public record and shall be regarded as public records. Exceptions will be those elements in the California Government Code Section 6250 et seq. (Public Records Act) and which are marked "trade secret," "confidential," or "proprietary." The County shall not in any way be liable or responsible for the disclosure of any such records including, without limitation, those so marked, if disclosure is required by law, or by an order issued by a court of competent jurisdiction.
- b. In the event the County is required to defend an action on a Public Records Act request for any of the aforementioned documents, information, books, records, and/or contents of a proposal marked "trade secret," "confidential," or "proprietary," the Consultant agrees to defend and indemnify the County from all costs and expenses, including reasonable attorney's fees, in action or liability arising under the Public Records Act.

45. Publicity

- a. The Consultant shall not disclose any details in connection with this Contract to any person or entity except as may be otherwise provided hereunder or required by law. However, in recognizing the Consultant's need to identify its services and related clients to sustain itself, the County shall not inhibit the Consultant from publishing its role under this Contract within the following conditions:

- i. The Consultant shall develop all publicity material in a professional manner; and
 - ii. During the term of this Contract, the Consultant shall not, and shall not authorize another to, publish or disseminate any commercial advertisements, press releases, feature articles, or other materials using the name of the County without the prior written consent of the Director of Public Works or his/her designee. The County shall not unreasonably withhold written consent.
- b. The Consultant may, without the prior written consent of County, indicate in its proposals and sales materials that it has been awarded this Contract with the County of Los Angeles, provided that the requirements of this Paragraph shall apply.

46. Record Retention and Inspection/Audit Settlement

The Consultant shall maintain accurate and complete financial records of its activities and operations relating to this Contract in accordance with generally accepted accounting principles. The Consultant shall also maintain accurate and complete employment and other records relating to its performance of this Contract. The Consultant agrees that the County, or its authorized representatives, shall have access to and the right to examine, audit, excerpt, copy, or transcribe any pertinent transaction, activity, or record relating to this Contract. All such material, including, but not limited to, all financial records, bank statements, cancelled checks or other proof of payment, timecards, sign-in/sign-out sheets and other time and employment records, and proprietary data and information, shall be kept and maintained by the Consultant and shall be made available to the County during the term of this Contract and for a period of five (5) years thereafter unless the County's written permission is given to dispose of any such material prior to such time. All such material shall be maintained by the Consultant at a location in Los Angeles County, provided that if any such material is located outside Los Angeles County, then, at the County's option, the Consultant shall pay the County for travel, per diem, and other costs incurred by the County to examine, audit, excerpt, copy, or transcribe such material at such other location.

- a. In the event that an audit of the Consultant is conducted specifically regarding this Contract by any Federal or State auditor, or by any auditor or accountant employed by the Consultant or otherwise, then the Consultant shall file a copy of such audit report with the County's Auditor-Controller within thirty (30) days of the Consultant's receipt thereof, unless otherwise provided by applicable Federal or State law or under this Contract. Subject to applicable law, the County shall make a reasonable effort to maintain the confidentiality of such audit report(s).
- b. Failure on the part of the Consultant to comply with any of the provisions of this Paragraph shall constitute a material breach of this Contract upon which the County may terminate or suspend this Contract.

- c. If, at any time during the term of this Contract or within five (5) years after the expiration or termination of this Contract, representatives of the County conduct an audit of the Consultant regarding the work performed under this Contract, and if such audit finds that the County's dollar liability for any such work is less than payments made by the County to the Consultant, then the difference shall be either: a) repaid by the Consultant to the County by cash payment upon demand or b) at the sole option of the County's Auditor-Controller, deducted from any amounts due to the Consultant from the County, whether under this Contract or otherwise. If such audit finds that the County's dollar liability for such work is more than the payments made by the County to the Consultant, then the difference shall be paid to the Consultant by the County by cash payment, provided that in no event shall the County's maximum obligation for this Contract exceed the funds appropriated by the County for the purpose of this Contract.

47. Recycled Bond Paper

Consistent with the Board of Supervisors' policy to reduce the amount of solid waste deposited at the County landfills, the Consultant agrees to use recycled-content paper to the maximum extent possible on this Contract.

48. Subcontracting

- a. The requirements of this Contract may not be subcontracted by the Consultant without the advance approval of the County. Subconsultants listed in the Consultant's Proposals are approved by County, unless otherwise indicated by County. Any attempt by the Consultant to subcontract without the prior consent of the County may be deemed a material breach of this Contract.
- b. If the Consultant desires to subcontract, the Consultant shall provide the following information promptly at the County's request.
 - A description of the work to be performed by the Subconsultant;
 - A draft copy of the proposed subcontract; and
 - Other pertinent information and/or certifications requested by the County.
- c. The Consultant shall indemnify and hold the County harmless with respect to the activities of each and every Subconsultant in the same manner and to the same degree as if such Subconsultant(s) were the Consultant employees.
- d. The County does not have contractual privity with the subconsultant. The Consultant shall remain fully responsible for all performances required of it under this Contract, including those that the Consultant has determined to subcontract. Consultant shall remain fully responsible for services rendered by any subconsultant pursuant to a subcontract between the Consultant and subconsultant.

- e. The Consultant shall be solely liable and responsible for all payments or other compensation to all Subconsultants and their officers, employees, agents, and successors in interest arising through services performed hereunder, notwithstanding the County's consent to subcontract.
- f. The Consultant shall obtain certificates of insurance, which establish that the Subconsultant maintains all the programs of insurance required by the County from each approved Subconsultant. The Consultant shall ensure delivery of all such documents to:

Department of Public Works
Business Relations and Contracts Division
Contracts & Operations, 8th Floor
900 South Fremont Avenue
Alhambra, CA 91803
(626) 300-2346

before any Subconsultant employee may perform any work hereunder.

49. Supplemental/Amendment

- a. For any change which affects the scope of work, Term, Contract Sum, payments, or any term or condition included under this Contract, a Supplement or an Amendment shall be prepared and executed by the Consultant and by Director.
- b. The County's Board of Supervisors or Chief Executive Officer or designee may require the addition and/or change of certain terms and conditions in the Contract during the term of this Contract. The County reserves the right to add and/or change such provisions as required by the County's Board of Supervisors or Chief Executive Officer. To implement such changes, a Supplement or an Amendment to the Contract shall be prepared and executed by the Consultant and by the Director.
- c. The County, at its sole discretion, may authorize extensions of time as defined in Paragraph 7, Term. The Consultant agrees that such extensions of time shall not change any other term or condition of this Contract during the period of such extensions. To implement an extension of time, a Notice to the Consultant will be prepared by County unless the term extension is applied automatically in accordance with Paragraph 7.c.

50. Termination for Breach of Warranty to Maintain Compliance with County's Child Support Compliance Program

Failure of the Contractor to maintain compliance with the requirements set forth in Contractor's Warranty of Adherence to County's Child Support Compliance Program Paragraph, shall constitute default under this Contract. Without limiting the rights and remedies available to the County under any other provision of this Contract, failure of the Contractor to cure such default within ninety (90) calendar days of written notice shall be

grounds upon which the County may terminate this Contract pursuant to Termination for Default and pursue debarment of the Contractor, pursuant to County Code Chapter 2.202.

51. Termination for Breach of Warranty to Maintain Compliance with County's Defaulted Property Tax Reduction Program.

Failure of Contractor to maintain compliance with the requirements set forth in "Contractor's Warranty of Compliance with County's Defaulted Property Tax Reduction Program" shall constitute default under this contract. Without limiting the rights and remedies available to County under any other provision of this contract, failure of Contractor to cure such default within 10 days of notice shall be grounds upon which County may terminate this contract and/or pursue debarment of Contractor, pursuant to County Code Chapter 2.206.

52. Termination for Convenience

- a. This Contract may be terminated, in whole or in part, when such action is deemed by the County, in its sole discretion, to be in its best interest. Termination of work hereunder shall be effected by notice of termination to the Consultant specifying the extent to which performance of work is terminated and the date upon which such termination becomes effective. The date upon which such termination becomes effective shall be no less than three (3) days after the notice is sent.
- b. After receipt of a notice of termination and except as otherwise directed by the County, the Consultant shall 1) stop work under this Contract on the date and to the extent specified in such notice, and 2) complete performance of such part of the work as shall not have been terminated by such notice.
- c. All material including books, records, documents, or other evidence bearing on the costs and expenses of the Consultant under this Contract shall be maintained by the Consultant in accordance with Record Retention and Inspection/Audit Settlement Paragraph.
- d. County shall not incur any liability to Consultant, other than payment for work already performed, up to the date of termination.

53. Termination for Default

- a. The County may, by written notice to the Consultant, terminate the whole or any part of this Contract, if, in the judgment of the Director or Public Works or his/her designee:
 - Consultant has materially breached this Contract; or
 - Consultant fails to timely provide and/or satisfactorily perform any task, deliverable, service, or other work required either under this Contract; or
 - Consultant fails to demonstrate a high probability of timely fulfillment of

performance requirements under this Contract, or of any obligations of this Contract and in either case, fails to demonstrate convincing progress toward a cure within five (5) working days (or such longer period as the County may authorize in writing) after receipt of written notice from the County specifying such failure.

- b. In the event that the County terminates this Contract in whole or in part as provided in this Paragraph, the County may procure, upon such terms and in such manner as the County may deem appropriate, goods and services similar to those so terminated. The Consultant shall be liable to the County for any and all excess costs incurred by the County, as determined by the County, for such similar goods and services. The Consultant shall continue the performance of this Contract to the extent not terminated under the provisions of this sub-paragraph.
- c. Except with respect to defaults of any Subconsultant, the Consultant shall not be liable for any such excess costs of the type identified in above sub-paragraph if its failure to perform this Contract arises out of causes beyond the control and without the fault or negligence of the Consultant. Such causes may include, but are not limited to: acts of God or of the public enemy, acts of the County in either its sovereign or contractual capacity, acts of Federal or State governments in their sovereign capacities, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case, the failure to perform must be beyond the control and without the fault or negligence of the Consultant. If the failure to perform is caused by the default of a Subconsultant, and if such default arises out of causes beyond the control of both the Consultant and Subconsultant, and without the fault or negligence of either of them, the Consultant shall not be liable for any such excess costs for failure to perform, unless the goods or services to be furnished by the Subconsultant were obtainable from other sources in sufficient time to permit the Consultant to meet the required performance schedule. As used in this Paragraph, the term "Subconsultant(s)" means Subconsultant(s) at any tier.
- d. If, after the County has given notice of termination under the provisions of this Paragraph, it is determined by the County that the Consultant was not in default under the provisions of this Paragraph, or that the default was excusable under the provisions of Paragraph, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Termination for Convenience Paragraph.
- e. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

54. Termination for Improper Consideration

County may, by written notice to Consultant, immediately terminate the right of Consultant to proceed under this Agreement if it is found that consideration, in any

form, was offered or given by Consultant, either directly or through an intermediary, to any County officer, employee, or agent with the intent of securing the Agreement or securing favorable treatment with respect to the award, amendment, or extension of the Agreement or the making of any determinations with respect to Consultant's performance pursuant to the agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

Consultant shall immediately report any attempt by a County officer or employee to solicit such improper consideration. The report shall be made either to County manager charged with the supervision of the employee or to County Auditor-Controller's Employee Fraud Hotline at (213) 974-0914 or (800) 544-6861.

Among other items, such improper consideration may take the form of cash, discounts, service, the provision of travel or entertainment, or tangible gifts.

55. Termination for Insolvency

- a. The County may terminate this Contract forthwith in the event of the occurrence of any of the following: 1) Insolvency of the Consultant. The Consultant shall be deemed to be insolvent if it has ceased to pay its debts for at least sixty (60) days in the ordinary course of business or cannot pay its debts as they become due, whether or not a petition has been filed under the Federal Bankruptcy Code and whether or not the Consultant is insolvent within the meaning of the Federal Bankruptcy Code; 2) The filing of a voluntary or involuntary petition regarding the Consultant under the Federal Bankruptcy Code; 3) The appointment of a Receiver or Trustee for the Consultant; or 4) The execution by the Consultant of a general assignment for the benefit of creditors.
- b. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

56. Termination for Non-Adherence of County Lobbyist Ordinance

The Contractor, and each County Lobbyist or County Lobbying firm as defined in County Code Section 2.160.010 retained by the Contractor, shall fully comply with the County's Lobbyist Ordinance, County Code Chapter 2.160. Failure on the part of the Contractor or any County Lobbyist or County Lobbying firm retained by the Contractor to fully comply with the County's Lobbyist Ordinance shall constitute a material breach of this Contract, upon which the County may in its sole discretion, immediately terminate or suspend this Contract.

57. Termination for Non-Appropriation of Funds

Notwithstanding any other provision of this Contract, the County shall not be obligated for the Consultant's performance hereunder or by any provision of this Contract during any of the County's future fiscal years unless and until the County's Board of Supervisors appropriates funds for this Contract in the County's Budget for each such future fiscal year. In the event that funds are not appropriated for this Contract, then this Contract shall terminate as of June 30 of the last fiscal year for which funds were appropriated. The County shall notify the Consultant in writing of any such non-allocation of funds at the earliest possible date.

58. Time Off for Voting

The Consultant shall notify its employees, and shall require each subconsultant to notify and provide to its employees, information regarding the time off for voting law (Elections Code Section 14000). Not less than 10 days before every statewide election, every Consultant and subconsultants shall keep posted conspicuously at the place of work, if practicable, or elsewhere where it can be seen as employees come or go to their place of work, a notice setting forth the provisions of Section 14000.

59. Warranty of Compliance with County's Defaulted Property Tax Reduction Program

Contractor acknowledges that County has established a goal of ensuring that all individuals and businesses that benefit financially from County through contract are current in paying their property tax obligations (secured and unsecured roll) in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

Unless Contractor qualifies for an exemption or exclusion, Contractor warrants and certifies that to the best of its knowledge it is now in compliance, and during the term of this contract will maintain compliance, with Los Angeles County Code Chapter. 2.206.

60. Validity

If any provision of this Contract or the application thereof to any person or circumstance is held invalid, the remainder of this Contract and the application of such provision to other persons or circumstances shall not be affected thereby.

61. Waiver

No waiver by the County of any breach of any provision of this Contract shall constitute a waiver of any other breach or of such provision. Failure of the County to enforce at any time, or from time to time, any provision of this Contract shall not be construed as a waiver thereof. The rights and remedies set forth in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

62. Warranty Against Contingent Fees

- a. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon any Contract or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business.
- b. For breach of this warranty, the County shall have the right to terminate this Contract and, at its sole discretion, deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

63. Prevailing Wage Requirements

This work includes prevailing wage and non-prevailing wage work.

a. Prevailing Wages

When applicable, the services provided in this Contract constitute "public works" as defined in California Labor Code 1720, and are therefore subject to payment of prevailing wages, compliance monitoring and enforcement by the Department of Industrial Relations (DIR).

The Director of the DIR has established the general prevailing rate of per diem wages for each craft, classification, type of worker, or mechanic needed to execute public works and improvements. The current general prevailing wage rate determinations are available at www.dir.ca.gov/dlsr/pwd/index.htm. The Contractor is required to pay its agents and employees the applicable, current prevailing wage rate and is responsible for selecting the classification of workers required to perform this service.

The Contractor agrees to comply with the provisions of Section 1775 of the California Labor Code relating to the payment of prevailing wages, the utilization of apprentices in accordance to LC 1777.5, and the assessment of penalties determined by the California Labor Commissioner. Pursuant to Section 1773.2 of the California Labor Code, copies of the prevailing rate of per diem wages are on file at the County Department of Public Works, Construction Division, and will be made available for inspection by request to the Contract Administrator. Future effective wage rates will be on file with the Department of Industrial Relations. The new wage rates shall become effective on the day following the expiration date of the current determinations and apply to the Contract in the same manner as if they had been included or referenced in the Contract.

b. Work Records

The Contractor shall comply with the requirements of Section 1812 of the Labor Code. The Contractor shall maintain an accurate written record of all employees working on the project each calendar day. The record shall include each employee's name, Social Security number, job classification, and the actual number of hours worked.

c. Posting of Notices

The Contractor shall comply with the provisions of Section 1773.2 of the Labor Code. The Contractor shall post a copy of the prevailing wage rates at the worksite and comply with applicable law including posting of jobsite notices required by 8 California Code Reg. §16451(d):

"This public works project is subject to monitoring and investigative activities by the Compliance Monitoring Unit (CMU) of the Division of Labor Standards Enforcement, Department of Industrial Relations, State of California. This Notice is intended to provide information to all workers employed in the execution of the Contract for public work and to all contractors and other persons having access to the jobsite to enable the CMU to ensure compliance with and enforcement of prevailing wage laws on public works projects.

The prevailing wage laws require that all workers be paid at least the minimum hourly wage as determined by the Director of Industrial Relations for the specific classification (or type of work) performed by workers on the project. These rates are listed on a separate jobsite posting of minimum prevailing rates required to be maintained by the public entity, which awarded the public works Contract. Complaints concerning nonpayment of the required minimum wage rates to workers on this project may be filed with the CMU at any office of the Division of Labor Standards Enforcement (DLSE).

Local Office Telephone Number:

*Division of Labor Standards Enforcement Office
320 West Fourth Street, Suite 450
Los Angeles, CA 90013
(213) 620-6330*

Complaints should be filed in writing immediately upon discovery of any violations of the prevailing wage laws due to the short period of time following the completion of the project that the CMU may take legal action against those responsible.

Complaints should contain details about the violations alleged (for example, wrong rate paid, not all hours paid, overtime rate not paid for hours worked in excess of 8 hours per day or 40 hours per week, etc.) as well as the name of the employer, the public entity which awarded the public works Contract, and the location and name of

the project.

For general information concerning the prevailing wage laws and how to file a complaint concerning any violation of these prevailing wage laws, you may contact any DLSE office. Complaint forms are also available at the Department of Industrial Relations website found at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>."

d. Certified Payroll Records

The Contractor shall comply with the requirements of Section 1776 of the Labor Code. Contractor and Subcontractors, if any, must furnish certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner.

- e. When requested by the County, electronic certified payroll records must be submitted to the County, through an online system designated by the County.

64. Mental Health Services for Critical Incidents

In the event of a serious accident on the Project site, the Los Angeles County Department of Mental Health (DMH) will, if requested, respond. The response may be within a few hours or as long as a few days after the incident, depending on when the request was made. The services DMH will provide include crisis intervention, normalization of the stress response that survivors may be experiencing, stress management techniques and resources if the stress reactions increase in frequency or intensity. Requests for services may be made by calling the DMH Emergency Outreach Bureau Deputy Director, (213) 738-4924, during normal business hours or the ACCESS Center, (800) 854-7771, evenings, holidays, and weekends.

65. Local Small Business Enterprise/Social Enterprise/Disabled Veterans Business Enterprise Utilization:

When requested by the County, the Consultant shall provide to the County via methods specified by the County, such as submission of electronic live (or dynamic) data on invoices for the prime and all subcontractors using County-designated third party software system or to a County approved website, or other means of submitting expenditure information on subconsultants, including but not limited to the following information: the name, business address and telephone number/email address of each subconsultant.

In addition, the Consultant shall be required to provide each of the specified subconsultant's Local Small Business Enterprise (LSBE), (i.e., whether any of the listed subcontractors are Local SBE's), Social Enterprise (SE) status, and Disabled Veterans Business Enterprise (DVBE) status, and the proposed monetary amount of the work the subconsultant will perform on each Notice to Proceed. At the time of submittal of each invoice, the consultant shall indicate, via methods specified by the County, the actual dollar amounts paid to each listed subconsultant who performed work on the project.

The subconsultant may be requested to confirm receipt of the actual payment to the subconsultant by the prime.

The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure to the Contractor to comply with this Article. The parties will agree that under the current circumstances a reasonable estimate of such damages is specified in this Consultant Services Agreement, Paragraph 32, Liquidated Damages, and that the Consultant shall be liable to the County for said amount.

If in the judgment of the Director, or his/her designee, the Consultant is deemed to be in non-compliance with the terms and obligations, the Director or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided in the Consultant Services Agreement, may deduct and withhold liquidated damages from County's final payment to the Consultant.

66. Compliance with County's Zero Tolerance Human Trafficking

Contractor acknowledges that the County has established a Zero Tolerance Human Trafficking Policy prohibiting contractors from engaging in human trafficking.

If a Contractor or member of Contractor's staff is convicted of a human trafficking offense, the County shall require that the Contractor or member of Contractor's staff be removed immediately from performing services under the Contract. County will not be under any obligation to disclose confidential information regarding the offenses other than those required by law.

Disqualification of any member of Contractor's staff pursuant to this paragraph shall not relieve Contractor of its obligation to complete all work in accordance with the terms and conditions of this Contract.

67. Entire Agreement

This Contract constitutes the entire Agreement between County and Consultant and may be modified only by further written Agreement between the parties hereto.

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IN WITNESS WHEREOF, the County has, by order of its Board of Supervisors, caused these presents to be subscribed by the Director of the Department of Public Works, and the Consultant has hereunto subscribed its corporate name and affixed its corporate seal by its duly authorized officers the day, month, and year herein first above written.

COUNTY OF LOS ANGELES

STILLWATER ECOSYSTEM, WATERSHED &
RIVERINE SCIENCES

By 
Deputy Director
Department of Public Works

By Christine Champs, President
President

By Christine Champs, Secretary
Secretary

APPROVED AS TO FORM:

MARY C. WICKHAM
County Counsel

By 
Senior Deputy County Counsel

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of HUMBOLDT

On April 30, 2018 before me, Kristina Culbertson, Notary Public
(insert name and title of the officer)

personally appeared Christine Champe
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Kristina Culbertson (Seal)



original
embossed

AS-NEEDED ENVIRONMENTAL SERVICES
FOR
WATER RESOURCES CORE SERVICE AREA

The services to be rendered by the Consultant shall include all services and provisions as described in the County's Request for Proposals dated May 8, 2017, all Notice to Proposers, and the Consultant's proposal dated May 22, 2017, except to the extent they are inconsistent with this attachment and the terms of this Agreement. Consultant's work shall consist of all such services as are customarily rendered when providing as-needed environmental services for Water Resources Core Service Area. The work shall include, but not be limited to, the following:

SCOPE OF SERVICES

The County of Los Angeles (County), the Los Angeles County Flood Control District, the County of Los Angeles Waterworks Districts, and the Consolidated Sewer Maintenance District of the County of Los Angeles (collectively as County) desire to engage consultants who will utilize in-house personnel and subcontractors who have skilled experience and expertise with project management of highly publicized projects and who will provide a proficient level of quality assurance and quality control (QA/QC). The Consultant must meet County's deadlines for report submittals, because County has submittal deadlines that are specified in their permits and agreements with the regulatory agencies. Non-adherence to these regulatory agencies' deadlines can lead to permit/agreement violations and penalties by the regulatory agencies.

The County is seeking quality consulting firms with experience in: native habitat preservation, restoration and creation, environmental document preparation, environmental permitting, permit compliance, environmental planning, surveying of biological, ecological, cultural and other environmental resources, monitoring, reporting, consultation, conducting feasibility studies, water quality, soil, air quality/climate change, and noise analysis, re-vegetation, arborists and landscape managing, vector, pest, and aquatic spraying, working with habitat conservation agencies handling southern California native and exotic biological resources, landscaping with southern California native species, handling and management of southern California cultural/tribal resources, and public relations.

The scope of services requested on this contract is listed below. Consultant shall provide all labor and personnel certifications/licenses, materials, equipment, storage, and disposal necessary to complete the Tasks a through f below. In particular, Consultants shall include in their project teams in-house personnel or subcontractors who have the necessary Federal and State licenses and/or permits to:

- Survey for and physically handle sensitive species that do or potentially inhabit maintenance and project sites in Los Angeles County, including but not limited to the arroyo toad (*Anaxyrus californicus*), coastal California gnatcatcher (*Polioptila californica californica*), and southwestern willow flycatcher (*Empidonax traillii extimus*).
- Undertake pest, vector, and aquatic species control and landscaping associated with native habitat preservation, restoration, and creation.

It is highly desirable to include in-house personnel or subcontractors who have the necessary Federal and State licenses and/or permits to survey for and physically handle sensitive fish species that do or potentially inhabit project sites in Los Angeles County, including, but not limited to, the Santa Ana sucker (*Catostomus santaanae*) and unarmored threespine stickleback (*Gasterosteus aculeatus williamsonii*).

Also, the Consultant should have in-house personnel sufficient to fully perform at least one of the categories of services specified in Sections a, b, c, and d in this Exhibit.

The Consultant shall provide a supervisor/administrator with at least 7 years, preferably 20 years or more, of experience involved with providing the Scope of Services herein for projects in Southern California. The Consultant's designated supervisor/administrator shall be directly employed by the Consultant. The Consultant's designated supervisor/administrator shall have strong coordination and negotiating skills, and a strong commitment to advocate, as legally allowable, for the best interests of the County.

a. Environmental Documentation Services

Prepare on behalf of the County environmental documents, including but not limited to California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documents, as necessitated by the specific project scope, master plan or program, including but not limited to: environmental planning; field resource services and activities (e.g., biological and cultural/tribal/archeological to comply with State and Federal laws); biological and water quality monitoring; literature and electronic database reviews; initial studies; technical studies (e.g. air quality, traffic, noise, climate change, geotechnical, hydrology, water quality, aesthetics, etc.); feasibility studies, including biological technical assessments, hydraulic technical analysis; documentation; public meetings; and publications. Consultants shall be capable of providing these services through the use of their staff or subcontractors, if necessary.

The Consultant shall provide a Project Team that includes senior and expert personnel who have at least 7 years, preferably 20 years or more, of experience in Federal and State laws, rules and regulations regarding air quality, biological resources, water quality, and cultural resources in Southern California. These senior and expert personnel shall be readily available to work in Southern California and be actively involved with providing the requested services. These

senior and expert personnel shall be thorough in their analyses and possess, and preferably have a proven track record of, strong skills in successfully preparing responses or responding on behalf of the County to comments from contentious stakeholders. Consultants must be able to support and defend all information they provide as part of the environmental documentation. If subconsultants are used for any of the tasks under the Scope of Services, the desired experience shall apply to the subconsultants.

b. Regulatory Permit Services

Assist the County in their procurement of regulatory permits, as necessitated by specific project scope, master plan, or program, including but not limited to: preparation of permit applications; providing field resource services, activities and reports (e.g., biological and cultural/tribal/archeological to comply with State and Federal laws); preparing impact analyses and reports; performing specialized studies (e.g. hydrology, feasibility studies, hydraulics and risk assessments, water quality assessments, biological technical assessments, sediment transport, geomorphology, etc.) and reports; performing jurisdictional assessments and reports; and participating in regulatory agency and/or public communication, meetings and hearings. Consultants shall be capable of providing these services through the use of their staff or subcontractors, if necessary.

The Consultant shall provide a Project Team that includes senior and expert personnel who have at least 7 years, preferably 20 years or more, of experience with the Federal Clean Water Act, the State's Porter-Cologne Act, the Federal and State Endangered Species Acts, the Federal Migratory Bird Treaty Act of 1918, and the sections of the State's Fish and Game Code regarding protection of plant, aquatic and terrestrial species, including but not limited to, migratory birds in Southern California. These senior and expert personnel shall be readily available to work in Southern California and be actively involved with providing the requested services. They shall also possess, and preferably have a proven track record of strong negotiating skills for interacting with the regulatory agencies, and a strong commitment to advocate, as legally allowable, for the best interests of the County. If subconsultants are used for any of the tasks under the Scope of Services, the desired experience shall apply to the subconsultants.

c. Environmental Permit Compliance Services

Assist the County in their compliance with environmental conditions specified by all pertinent permits and/or agreements for a specific project scope, master plan, or program, including but not limited to: conducting pre-construction surveys and preparing reports; conducting sensitive species protection planning including nesting bird surveys and management, species relocation, plan implementation, monitoring and reporting; conducting best management practice and exclusion device installation and maintenance; conducting air quality, biological, aquatic species and vector control, cultural/tribal/archeological, water quality monitoring;

environmental documentation, monitoring and reporting (e.g., air quality, biological, cultural/ tribal/archeological, water quality) of construction activities; post-construction environmental documentation, monitoring, and reporting (e.g., air quality, biological, cultural/tribal/archeological, water quality); and participating in regulatory agency and/or public communication, meetings, and hearings. Consultants shall be capable of providing these services through the use of their staff or subcontractors, if necessary.

The Consultant shall provide a Project Team that includes senior and expert personnel who have at least 7 years, preferably 20 years or more, of experience with the Federal Clean Water Act, the State's Porter-Cologne Act, the Federal and State Endangered Species Acts, the Federal Migratory Bird Treaty Act of 1918, and the sections of the State's Fish and Game Code regarding protection of plant, aquatic and terrestrial species, including but not limited to, migratory birds in Southern California. These senior and expert personnel shall be readily available to work in Southern California and be actively involved with providing the requested services. They shall also possess, and preferably have a proven track record of, strong negotiating skills for interacting with the regulatory agencies, a strong commitment to advocate, as legally allowable, for the best interests of the County, and a strong commitment to meet reporting deadlines. If subconsultants are used for any of the tasks under the Scope of Services, the desired experience shall apply to the subconsultants.

d. Mitigation

Assist the County in their compliance with environmental mitigation measures established on all pertinent permits and/or agreements for a specific project scope, master plan, or program, including but not limited to: preparing mitigation plans and success criteria; working with third party and state/federal habitat conservancies to find, negotiate, and purchase mitigation opportunities; conducting habitat preservation, creation and restoration planning, site preparation, seeding, planting, irrigation, plant and site protection (e.g., caging, fencing), in-stream silt removal/gravel replacement, maintenance, and monitoring; conducting vegetation removal planning, implementation, disposal, maintenance, and monitoring; preparing mitigation documentation and reporting; and participating in regulatory agency and/or public communication, meetings and hearings. Consultants shall be capable of providing these services through the use of their staff or subcontractors, if necessary.

The Consultant shall provide a Project Team that includes senior and expert personnel who have at least 7 years, preferably 20 years or more, of experience with the Federal Clean Water Act, the State's Porter-Cologne Act, the Federal and State Endangered Species Acts, the Federal Migratory Bird Treaty Act of 1918, the sections of the State's Fish and Game Code regarding protection of plant, aquatic and terrestrial species, including but not limited to, migratory birds, and Federal and State agencies' laws, rules, regulations, guidelines and policies

regarding compensatory mitigation and habitat restoration in Southern California. These senior and expert personnel shall be readily available to work in Southern California and be actively involved with providing the requested services. They shall have sufficient expertise to seamlessly maintain continuity on ongoing mitigation projects, including but not limited to those that started prior to this contract with the Consultant. They shall also possess, and preferably have a proven track record of, strong negotiating skills for interacting with the regulatory agencies, a strong commitment to advocate, as legally allowable, for the best interests of the County, and a strong commitment to meet reporting deadlines. If subconsultants are used for any of the tasks under the Scope of Services, the desired experience shall apply to the subconsultants.

e. Community Outreach and Public Relations

Assist the County with community outreach and public relations as necessitated by a specific project scope, master plan or program. The goals of the effort are to: engage, involve, inform, and educate the wide range of stakeholders (e.g., community members, activists, regulators, elected officials, the media) about the purpose, scope, concepts, environmental issues or other technical issues of the project/master plan/program; and build trust and credibility with the stakeholders for the project/master plan/program. The Consultant's tasks may include but not be limited to: defining the nature, scope, expected and actual output of public participation activities; developing public participation plans and promotions; arranging for and handling the logistics of community meetings (e.g., identifying and securing meeting venues, audio/visual equipment, tables and chairs; making and posting signs; providing refreshments; signing in meeting attendees; facilitating meetings); preparing public outreach materials (e.g., fact sheets, e-newsletters, pamphlets, press releases, advertisements, public notices, flyers); and preparing meeting summaries and responses to questions. Maintaining and enhancing stakeholder trust and credibility with them will be critical to the success of these projects, master plans and programs, since they will likely undergo close scrutiny. The Consultant shall be capable of providing these services through the use of their staff or subcontractors, if necessary.

The Consultant shall provide a Project Team that includes senior and expert personnel who have at least 7 years, preferably 20 years or more, and a proven track record of experience with controversial public agency projects in Southern California; responding to stakeholders' misconceptions of projects and their impacts; and responding to potentially disruptive stakeholder actions or behaviors. These senior and expert personnel shall be readily available to work in Southern California and be actively involved with providing the requested services. They shall also possess, and preferably have a proven track record of, a strong commitment in representing the best interests of the County. If subconsultants are used for any of the tasks under the Scope of Services, the desired experience shall apply to the subconsultants.

f. Water Quality Monitoring

Assist the County in their compliance with water quality regulations and permits, as necessitated by drinking water, stormwater, and wastewater requirements, including but not limited to: water quality monitoring, sampling, testing, and reporting; identification of water testing laboratories sufficient to meet the testing requirements; and coordination with the water testing laboratories regarding water quality analyses, monitoring, and reporting. Consultants shall be capable of providing these services through the use of their staff, subcontractors, and/or laboratories. Reporting of water quality analytical results and QA/QC data to comply with the County's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit No. CAS004001 shall be done in California Environmental Data Exchange Network (CEDEN) electronic format in accordance with 40 CFR Part 122.41 and the County's NPDES MS4 Permit, Section XIV —Standard Monitoring and Reporting Provisions of Attachment E, located at:

https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/los_angeles_ms4/2016/R4-2012-0175-Att_E_amended.pdf

The Consultant shall identify laboratories that can be utilized for water quality analysis based on drinking water, stormwater, and wastewater standards. A list of key constituents frequently analyzed is included (Exhibit B). Public Works makes no guarantee of the completeness of the list. These laboratories shall meet the following requirements:

- Environmental Laboratory Accreditation Program (ELAP) certification.
- Drinking Water: All analyses shall be required to be conducted in accordance with Title 22 of the California Code of Regulations for Domestic Water Quality and Monitoring Regulations [CCR Title 22, Section 64400], Disinfectant Residuals, Disinfection Byproducts, and Disinfection Byproduct Precursors [CCR Title 22, Section 64530], California Waterworks Standards [CCR Title 22, Section 645511, and Lead and Copper Monitoring [CCR Title 22, Section 64670].
- Stormwater: Analyses requirements are included in the NPDES MS4 Permit No. CAS004001, Monitoring and Reporting Program No. CI-6948 for Order R4-2012-0175, Attachment E, Section XIV —Standard Monitoring and Reporting Provisions. Some key highlights are indicated below:
 - All analyses must be conducted according to test procedures approved under 40 CFR Part 136 for the analysis of pollutants, unless other test procedures are required under 40 CFR subchapter N or O.
 - Analyses shall be conducted by a laboratory that has participated in, or is committed to participating in "Intercalibration Studies" for storm

water pollutant analysis conducted by the Stormwater Monitoring Coalition (Stormwater Monitoring Coalition Laboratory Document, Technical Report 420 (2014).

- Water Column Toxicity testing shall be conducted in accordance with the State Water Resources Control Board's Policy for Toxicity Assessment and Control, and as indicated in NPDES MS4 Permit No. CAS004001, Attachment E, Section XII - Aquatic Toxicity Monitoring Methods.
- Wastewater: All analyses shall be required to be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" [40 CFR Part 136] promulgated by the U.S. Environmental Protection Agency. [CCR Title 23, Section 2230].

Note: Requirements can be met by a single laboratory or a combination of laboratories identified in the proposal.

DELIVERABLES

Deliverables will vary and will be determined by Public Works for each project.

SCHEDULE

Work shall be performed on an as-needed basis. Specified services required for a project will be assigned to the Consultant through the issuance of Task Orders on an as-needed basis.

When specified services are needed, the County will request the Consultant (through Task Orders) to prepare a work plan, a list of the tasks/deliverables, project team components, project schedule and a cost estimate of the task order for the County to review and approve. No work will proceed until a Notice to Proceed is issued by the County for each task order. No optional tasks will be conducted without prior approval from the County.

COMPENSATION

The Consultant's total basic service fee shall not exceed \$5,818,000. The Consultant shall submit monthly invoices for review and approval by the County. The Consultant shall be compensated monthly, based on work completed or certain milestone completion date and approval by the County. *Public Works will reimburse the Consultant for additional copies of reports and any other written requests outside the Scope of Services. County Project Manager preapproval in writing will be required for special costs, such as courier/overnight services or outside copying. Mileage is not reimbursable, unless pre-approved in writing by County.*

Consultant shall be paid on an hourly basis according to the job title and hourly rate of each employee performing the work as set forth in the Consultant's Schedule of Prices (**ATTACHMENT 3**). The County shall allow Cost of Living Adjustments to the Consultant's fee schedule as defined in Section 3e of this Contract.

- *Public Works will not pay a mark-up on hourly rates for the services of any subconsultants that were included in Consultant's original proposal.*
- *Public Works will not pay a mark-up on hourly rates for the services of any Consultant employee or subconsultant that were included in Consultant's original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract; or,*
- *If California Department of Fish and Wildlife or any of the other regulatory agencies whom the County must obtain permits from, determines the selected employees or subconsultants to be unqualified to provide the services covered under this Contract.*
- *Consultant must have prior written permission from Public Works to use any subconsultants or staff not included in Consultant's original proposal.*

Invoices shall conform to Public Works' Invoicing Instructions.

Invoices shall include a detailed backup for work completed and all authorized reimbursable expenses incurred.

Any related-work requested but not listed under the Scope of Services or the Schedule of Prices shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County only if pre-approved in writing by the County.

INDEMNIFICATION AND INSURANCE PROVISIONS**I. INDEMNIFICATION**

The Consultant shall indemnify, defend and hold harmless the County, its Special Districts, elected and appointed officers, employees, agents and volunteers ("County Indemnitees") from and against any and all liability, including but not limited to demands, claims, actions, fees, costs and expenses (including attorney and expert witness fees), arising from and/or relating to this Contract, except for such loss or damage arising from the sole negligence or willful misconduct of the County Indemnitees.

II. GENERAL PROVISIONS FOR ALL INSURANCE COVERAGE

Without limiting Contractor's indemnification of County, and in the performance of this Contract and until all of its obligations pursuant to this Contract have been met, Contractor shall provide and maintain at its own expense insurance coverage satisfying the requirements specified in paragraphs II and III of this Attachment. These minimum insurance coverage terms, types and limits (the "Required Insurance") also are in addition to and separate from any other contractual obligation imposed upon Contractor pursuant to this Contract. The County in no way warrants that the Required Insurance is sufficient to protect the Contractor for liabilities which may arise from or relate to this Contract.

A. Evidence of Coverage and Notice to County

- Certificate(s) of insurance coverage (Certificate) satisfactory to County, and a copy of an Additional Insured endorsement confirming County and its Agents (defined below) has been given Insured status under the Contractor's General Liability policy, shall be delivered to County at the address shown below and provided prior to commencing services under this Contract.
- Renewal Certificates shall be provided to County not less than 10 days prior to Contractor's policy expiration dates. The County reserves the right to obtain complete, certified copies of any required Contractor and/or Sub-Contractor insurance policies at any time.
- Certificates shall identify all Required Insurance coverage types and limits specified herein, reference this Contract by name or number, and be signed by an authorized representative of the insurer(s). The Insured party named on the Certificate shall match the name of the Contractor identified as the contracting party in this Contract. Certificates shall provide the full name of each insurer providing coverage, its NAIC (National Association of Insurance Commissioners) identification number, its financial rating, the amounts of any policy deductibles or self-insured retentions exceeding fifty thousand (\$50,000.00) dollars, and list any County required endorsement forms.

- Neither the County's failure to obtain, nor the County's receipt of, or failure to object to a non-complying insurance certificate or endorsement, or any other insurance documentation or information provided by the Contractor, its insurance broker(s) and/or insurer(s), shall be construed as a waiver of any of the Required Insurance provisions.

Certificates and copies of any required endorsements shall be emailed to the Contract Administrator.

Contractor also shall promptly report to County any injury or property damage accident or incident, including any injury to a Contractor employee occurring on County property, and any loss, disappearance, destruction, misuse, or theft of County property, monies or securities entrusted to Contractor. Contractor also shall promptly notify County of any third party claim or suit filed against Contractor or any of its Sub-Contractors which arises from or relates to this Contract, and could result in the filing of a claim or lawsuit against Contractor and/or County.

B. Additional Insured Status and Scope of Coverage

The County of Los Angeles, its Special Districts, Elected Officials, Officers, Agents, Employees and Volunteers (collectively County and its Agents) shall be provided additional insured status under Contractor's General Liability policy with respect to liability arising out of Contractor's ongoing and completed operations performed on behalf of the County. County and its Agents additional insured status shall apply with respect to liability and defense of suits arising out of the Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the County. The full policy limits and scope of protection also shall apply to the County and its Agents as an additional insured, even if they exceed the County's minimum Required Insurance specifications herein. Use of an automatic additional insured endorsement form is acceptable providing it satisfies the Required Insurance provisions herein.

C. Cancellation of or Changes in Insurance

Contractor shall provide County with, or Contractor's insurance policies shall contain a provision that County shall receive, written notice of cancellation or any change in Required Insurance, including insurer, limits of coverage, term of coverage or policy period. The written notice shall be provided to County at least ten (10) days in advance of cancellation for non-payment of premium and thirty (30) days in advance for any other cancellation or policy change. Failure to provide written notice of cancellation or any change in Required Insurance may constitute a material breach of the Contract, in the sole discretion of the County, upon which the County may suspend or terminate this Contract.

D. Failure to Maintain Insurance

Contractor's failure to maintain or to provide acceptable evidence that it maintains the Required Insurance shall constitute a material breach of the Contract, upon which County immediately may withhold payments due to Contractor, and/or suspend or terminate this Contract. County, at its sole discretion, may obtain damages from Contractor resulting from said breach. Alternatively, the County may purchase the Required Insurance, and without further notice to Contractor, deduct the premium cost from sums due to Contractor or pursue Contractor reimbursement.

E. Insurer Financial Ratings

Coverage shall be placed with insurers acceptable to the County with A.M. Best ratings of not less than A:VII unless otherwise approved by County.

F. Contractor's Insurance Shall Be Primary

Contractor's insurance policies, with respect to any claims related to this Contract, shall be primary with respect to all other sources of coverage available to Contractor. Any County maintained insurance or self-insurance coverage shall be in excess of and not contribute to any Contractor coverage.

G. Waivers of Subrogation

To the fullest extent permitted by law, the Contractor hereby waives its rights and its insurer(s)' rights of recovery against County under all the Required Insurance for any loss arising from or relating to this Contract. The Contractor shall require its insurers to execute any waiver of subrogation endorsements which may be necessary to effect such waiver.

H. Sub-Contractor Insurance Coverage Requirements

Contractor shall include all Sub-Contractors as insureds under Contractor's own policies, or shall provide County with each Sub-Contractor's separate evidence of insurance coverage. Contractor shall be responsible for verifying each Sub-Contractor complies with the Required Insurance provisions herein, and shall require that each Sub-Contractor name the County and Contractor as additional insureds on the Sub-Contractor's General Liability policy. Contractor shall obtain County's prior review and approval of any Sub-Contractor request for modification of the Required Insurance.

I. Deductibles and Self-Insured Retentions (SIRs)

Contractor's policies shall not obligate the County to pay any portion of any Contractor deductible or SIR. The County retains the right to require Contractor to reduce or eliminate policy deductibles and SIRs as respects the County, or to provide a bond guaranteeing Contractor's payment of all deductibles and SIRs, including all related claims investigation, administration and defense expenses. Such bond shall be executed by a corporate surety licensed to transact business in the State of California.

J. Claims Made Coverage

If any part of the Required Insurance is written on a claims made basis, any policy retroactive date shall precede the effective date of this Contract. Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

K. Application of Excess Liability Coverage

Contractors may use a combination of primary, and excess insurance policies which provide coverage as broad as the underlying primary policies, to satisfy the Required Insurance provisions.

L. Separation of Insureds

All liability policies shall provide cross-liability coverage as would be afforded by the standard ISO (Insurance Services Office, Inc.) separation of insureds provision with no insured versus insured exclusions or limitations.

M. Alternative Risk Financing Programs

The County reserves the right to review, and then approve, Contractor use of self-insurance, risk retention groups, risk purchasing groups, pooling arrangements and captive insurance to satisfy the Required Insurance provisions. The County and its Agents shall be designated as an Additional Covered Party under any approved program.

N. County Review and Approval of Insurance Requirements

The County reserves the right to review and adjust the Required Insurance provisions, conditioned upon County's determination of changes in risk exposures.

III. INSURANCE COVERAGE

A. Commercial General Liability insurance (providing scope of coverage equivalent to ISO policy form CG 00 01), naming County and its Agents as an additional insured, with limits of not less than:

General Aggregate:	\$2 million
Products/Completed Operations Aggregate:	\$1 million
Personal and Advertising Injury:	\$1 million
Each Occurrence:	\$1 million

B. Automobile Liability insurance (providing scope of coverage equivalent to ISO policy form CA 00 01) with limits of not less than \$1 million for bodily injury and property damage, in combined or equivalent split limits, for each single accident. Insurance shall cover liability arising out of Contractor's use of autos pursuant to this Contract, including owned, leased, hired, and/or non-owned autos, as each may be applicable.

C. Workers Compensation and Employers' Liability insurance or qualified self-insurance satisfying statutory requirements, which includes Employers' Liability coverage with limits of not less than \$1 million per accident. If Contractor will provide leased employees, or, is an employee leasing or temporary staffing firm or a professional employer organization (PEO), coverage also shall include an Alternate Employer Endorsement (providing scope of coverage equivalent to ISO policy form WC 00 03 01 A) naming the County as the Alternate Employer, and the endorsement form shall be modified to provide that County will receive not less than thirty (30) days advance written notice of cancellation of this coverage provision. If applicable to Contractor's operations, coverage also shall be arranged to satisfy the requirements of any federal workers or workmen's compensation law or any federal occupational disease law.

D. Professional Liability/Errors and Omissions

Insurance covering Contractor's liability arising from or related to this Contract, with limits of not less than \$1 million per claim and \$2 million aggregate. Further, Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following this Contract's expiration, termination or cancellation.

Schedule of Prices
Los Angeles County Department of Public Works
Water Resources Core Service Area
As-Needed Environmental Services Contract

3/6/2018

Stillwater Sciences

Title	Rate
Principal/Supervisor/Administrator	260.00
QA/QC Manager	224.00
Technical Specialist Manager	210.00
Senior Project Manager	226.00
Project Manager	181.00
Principal Engineer/Environmental Planner	220.00
Senior Engineer/Environmental Planner	195.00
Engineer/Environmental Planner	175.00
Associate Engineer/Environmental Planner	135.00
Assistant Engineer/Environmental Planner	115.00
Principal Biologist/Wildlife Biologist/Botanist	169.00
Senior Biologist/Wildlife Biologist/Botanist	152.00
Biologist/Wildlife Biologist/Botanist	140.00
Associate Biologist/Wildlife Biologist/Botanist	130.00
Assistant Biologist/Wildlife Biologist/Botanist	115.00
Biological Field Monitor	105.00
Principal Ecologist/Restoration Ecologist	209.00
Senior Ecologist/Restoration Ecologist	165.00
Ecologist/ Restoration Ecologist	145.00
Associate Ecologist/Restoration Ecologist	131.00
Assistant Ecologist/Restoration Ecologist	125.00
Senior Regulatory Permitting Specialist	214.00
Regulatory Permitting Specialist	170.00
Associate Regulatory Permitting Specialist	140.00
Principal Hydrology Engineer/Scientist	249.00
Senior Hydrologist/Water Quality Specialist	230.00
Hydrologist/Water Quality Specialist	170.00
Associate Hydrologist/Water Quality Specialist	140.00
Assistant Hydrologist/Water Quality Specialist	110.00
Principal Geology/Geotechnical/Soils Specialist/Engineer	240.00
Senior Geology/Geotechnical/Soils Specialist/Engineer	185.00
Geology/Geotechnical/Soils Specialist/Engineer	165.00
Associate Geology/Geotechnical/Soils Specialist/Engineer	120.00
Assistant Geology/Geotechnical/Soils Specialist/Engineer	100.00
GIS/CAD Specialist	130.00
Assistant GIS/CAD Specialist	90.00
Intern	70.00
Technical Writer/Editor	111.00
Administrative Assistant/Word Processor	87.00
Graphic Artist	105.00
Additional: Senior GIS Specialist	165.00

GPA

Title	Rate
Senior Biologist/Wildlife Biologist/Botanist	150.00
Associate Biologist/Wildlife Biologist/Botanist	125.00
Assistant Biologist/Wildlife Biologist/Botanist	100.00
Biological Field Monitor	100.00

ICF

Title	Rate
Principal/Supervisor/Administrator	250.00
QA/QC Manager	230.00
Technical Specialist Manager	225.00
Senior Project Manager	210.00
Project Manager	175.00
Principal Engineer/Environmental Planner	210.00
Senior Engineer/Environmental Planner	190.00
Engineer/Environmental Planner	160.00
Associate Engineer/Environmental Planner	140.00
Assistant Engineer/Environmental Planner	115.00
Principal Biologist/Wildlife Biologist/Botanist	180.00
Senior Biologist/Wildlife Biologist/Botanist	165.00
Biologist/Wildlife Biologist/Botanist	140.00
Associate Biologist/Wildlife Biologist/Botanist	125.00
Assistant Biologist/Wildlife Biologist/Botanist	115.00
Biological Field Monitor	110.00
Principal Ecologist/Restoration Ecologist	210.00
Senior Ecologist/Restoration Ecologist	165.00
Ecologist/ Restoration Ecologist	140.00
Associate Ecologist/Restoration Ecologist	125.00
Assistant Ecologist/Restoration Ecologist	115.00
Principal Cultural Resources Specialist/Manager	190.00
Senior Cultural Resources Specialist/Manager	160.00
Cultural Resources Specialist/Manager	140.00
Associate Cultural Resources Specialist	115.00
Principal Archaeologist/Paleontologist	210.00
Senior Archaeologist/Paleontologist	165.00
Archaeologist/Paleontologist	130.00
Associate Archaeologist/Paleontologist	125.00
Assistant Archaeologist/Paleontologist	115.00
Archaeo/Paleo Field Monitor	105.00
Senior Regulatory Permitting Specialist	190.00
Regulatory Permitting Specialist	160.00
Associate Regulatory Permitting Specialist	140.00
Principal Air/Noise Specialist	210.00
Senior Air/Noise Specialist	190.00
Air/Noise Specialist	140.00
Associate Air/Noise Specialist	125.00
Assistant Air/Noise Specialist	115.00

ICF Continued

Principal Hydrology Engineer/Scientist	210.00
Senior Hydrology Engineer/Scientist	190.00
Hydrologist/Water Quality Specialist	160.00
Associate Hydrologist/Water Quality Specialist	140.00
Assistant Hydrologist/Water Quality Specialist	115.00
Principal Geology/Geotechnical/Soils Specialist/Engineer	210.00
Senior Geology/Geotechnical/Soils Specialist/Engineer	190.00
Geology/Geotechnical/Soils Specialist/Engineer	160.00
Associate Geology/Geotechnical/Soils Specialist/Engineer	140.00
Assistant Geology/Geotechnical/Soils Specialist/Engineer	115.00
Principal Traffic/Transportation Engineer	210.00
Senior Traffic/Transportation Engineer	190.00
Traffic/Transportation Engineer	160.00
Associate Traffic/Transportation Engineer	140.00
Assistant Traffic/Transportation Engineer	115.00
Senior Public Outreach Specialist	190.00
Public Outreach Specialist	160.00
Assistant Public Outreach Specialist	125.00
GIS/CAD Specialist	140.00
Assistant GIS/CAD Specialist	125.00
Certified Arborist	160.00
Certified Pesticide/Herbicide Applicator	125.00
Transcriptionist	75.00
Intern	65.00
Technical Writer/Editor	110.00
Administrative Assistant/Word Processor	75.00
Graphic Artist	75.00

Intueor Consulting

Title	Rate
Principal Traffic/Transportation Engineer	274.00
Senior Traffic/Transportation Engineer	213.00
Traffic/Transportation Engineer	154.00
Associate Traffic/Transportation Engineer	143.00
Assistant Traffic/Transportation Engineer	115.00
GIS/CAD Specialist	117.00
Administrative Assistant/Word Processor	89.00
Graphic Artist	92.00

Kearns & West

Title	Rate
Principal/Supervisor/Administrator	210.00
Senior Project Manager	175.00
Project Manager	155.00
Senior Public Outreach Specialist	175.00
Public Outreach Specialist	135.00
Assistant Public Outreach Specialist	120.00
Technical Writer/Editor	95.00
Administrative Assistant/Word Processor	95.00
Graphic Artist	95.00

Paradigm

Title	Rate
Principal Hydrology Engineer/Scientist	210.00
Senior Hydrologist/Water Quality Specialist	195.00
Hydrologist/Water Quality Specialist	180.00
Associate Hydrologist/Water Quality Specialist	150.00
Assistant Hydrologist/Water Quality Specialist	130.00

Stephanie Remington

Title	Rate
Senior Biologist/Wildlife Biologist/Botanist	150.00

Western Foundation of Vertebrate Zoology

Title	Rate
Biologist/Wildlife Biologist/Botanist	115.00

These prices begin on the date of the full execution of the contract.

Prices may only be adjusted per the County's Cost of Living Adjustment (COLA) policy as defined in the contract.

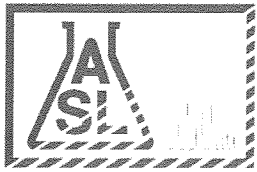
Mileage is not reimbursable. Special circumstances may be authorized, if pre-approved in writing by County.

The Consultant shall be compensated monthly, based on work completed and approval by the County. Public Works will reimburse the Consultant for additional copies of reports and any other written requests outside the Scope of Services.

The hourly rates listed above include overhead costs, such as mileage, portal-to-portal pay, copying, phone calls, meals, supplies, and other office equipment.

Any related-work requested but not listed in the schedule of fees shall be negotiated by the County and the Consultant and may include an additional charge of up to 10% as approved in writing by the County.

Project Manager preapproval in writing will be required for special costs, such as courier/overnight services or outside copying. Invoices shall include a detailed backup for work completed and all authorized reimbursable expenses incurred with receipts. Invoices shall provide names and classifications of every staff who performed the tasks.



AMMA
Environmental Testing Services
2525225

Loyalty Price List (2017)

METHODS



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Loyalty Price List (2017)

ORGANICS

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 1664	Oil and Grease (HEM)	32
EPA 413.2	Oil and Grease by IR	38
EPA 418.1	TRPH	40
EPA 602/8021B	BETX	30
EPA 608/8081A	Organochlorine Pesticides	70
EPA 608/8082	Polychlorinated Biphenyls Only (PCB's)	55
EPA 624	Volatile Organics (VOCs)	65
EPA 624	Volatile Organics plus MTBE	67
EPA 625/8270C	Semi-volatile Organics (SVOCs)	135
EPA 8015B	TPH as Gasoline or Light Hydrocarbons	30
EPA 8015B/ 8021B	TPH Gasoline Including BETX	38
EPA 8015B/ 8021B	TPH Gasoline Including BETX plus MTBE	40
EPA 8015B	TPH as Diesel & Heavier HCs(Extended Run)	35
EPA 8015B	TPH Full Range (GRO, DRO and ORO)	65
EPA 8081A	Organochlorine Pesticides	70
EPA 8082	Polychlorinated Biphenyls Only (PCBs)	55
EPA 8141A	Organophosphorus Pesticides (Capillary Column Technique)	135
EPA 8151A	Chlorinated Herbicides	155
EPA 8260B	Ethanol/Methanol	65
EPA 8260B	Volatile Organics (VOCs)	65
EPA 8260B	Volatile Organics (VOCs) plus Oxygenates	75
EPA 8270C	Semi-volatile Organics (SVOCs)	135
EPA 8270C	Polynuclear Aromatics (PAH)	115
EPA 8310	Polynuclear Aromatics (HPLC)	155
RSK SOP 175	Dissolved Gases in Water (1st Gas)	65
RSK SOP 175	Dissolved Gases in Water (Each Additional Gas)	15
ASTM D1946	Methane	65
ASTM D1946	Fixed Gases (1st Gas)	65
ASTM D1946	Fixed Gases (Each Additional Gas)	15



AMERICAN SCIENTIFIC LABORATORIES, LLC
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INORGANICS (Metals)

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 3005A,3010A,3050B	Sample Prep for ICP (Metals)	8
Title 22,CCR 66261.100 All	STLC Extraction (WET)	40
EPA 1311	TCLP Extraction	40
EPA 1311	TCLP Zero Headspace Extraction	75
	STLC or TCLP Extraction for Semi-Vol	50
	Sample Composite Fee	5
EPA 200.7/6010B	Single Element (ICP)	8*
EPA 245.1/7470A, 7471A	Mercury by Cold Vapor AA	30**
EPA 200.7/6010B	ICP Metals Scan (Cd,Cr,Pb,Ni,Zn)	40
EPA 200.8/6020	ICP/MS (Single Element - Water)	25/15
EPA 200.8/6020	ICP/MS (Single Element / Each Additional Element) – Soil (Includes Prep Charge)	35/15
EPA 200.8/6020	TTLC Title 22 Metals (ICP/MS)	150
HML -939-M	Organic Lead by GFAA	125**
EPA 7199/218.6	Hexavalent Chromium (IC, Low Detection Limit)	75
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	TTLC,CCR Title 22 Metals	85
EPA 200.7/245.1,, 6010B/7470A	STLC,CCR Title 22 Metals	125
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	RCRA Metals Package (8 Elements)	75
EPA 6010B/7470A	8 TCLP Metals	125
EPA 200.7/245.1,, 6010b/7470A, or 6010B/7471A	13 Priority Pollutants	80

* Price does not include sample prep charge

** Price includes sample prep charge.

Note: All group pricing includes sample prep charge.

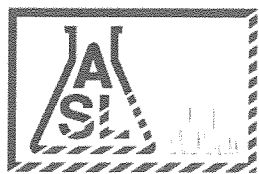


AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

INORGANICS (General Chemistry)

METHODS	PARAMETERS	Column#
SM 2310-B	Acidity	18
(22CCR 66696 (A) (4))	Acute Aquatic Fish Toxicity Bioassay	230
DOHS (TITLE 22)	Hazardous Waste Bioassay Using Fathead Minnows	275
SM 2340-B	Alkalinity	18
SM 4500-NH ₃ -D	Ammonia (ISE)	25
300	Single ANIONS by IC	25
Additional Anion(s) by IC	Each Additional Anion by IC	15
SM 5210B	Biochemical Oxygen Demand 5day(BOD) / CBOD	45
6010B	(Ca, Mg, Na, K / F, Cl, NO ₂ , NO ₃ , SO ₄)	125
SM 4500-Cl-G	Chlorine, Total Residual	25
EPA 410.4	Chemical Oxygen Demand (COD)	35
EPA 110.1	Color	10
EPA 9131/9132	Coliform, Total –Water/Soil	35/55
EPA 120.1/9050A	Conductivity	20
SM 4500-CN-G	Cyanide, Amenable to Chlorination	40
SM 4500-CN-E	Cyanide, Total	40
SM 4500-CN-E	Cyanide, Free	80
SM 3500-Fe-D	Ferrous Iron	22
EPA 1010	Flashpoint	45
300	Fluoride, (ISE)	25
GENERAL MINERALS	(Alkalinity, HCO ₃ , CO ₃ , OH, Cl, Conductivity, F, Hardness NO ₃ , pH, SO ₄ , MBAS, TDS, Ca, Mg, Na, K, Fe, Mn, Cu, Zn)	175
EPA 900	Gross Alpha and Beta	50
SM 2340-C	Hardness, Total	18
SM 2540G	Moisture Content (% Solids)	20
SM 4500-N-D	Total Nitrogen	50
EPA 351.3	Total Kjeldahl Nitrogen (TKN)	75
SM 2580B	Oxidation-Reduction Potential (ORP)	22
SM 4500-O-G	Oxygen, Dissolved	22
EPA 314.0	Perchlorate (IC)	80
9045C	pH -Soil	20
SM 4500-H-B	pH- water	10
SM 4500-P-E	Phosphorus, Ortho	30
SM 4500-P-B&E	Phosphorus, Total	35



AMERICAN SCIENTIFIC LABORATORIES, LLC
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300	Phosphate, Total	35
EPA 420.1/ 9065	Phenolics, Total	45
SM 2520B	Salinity	20
SM-846-7-3-HCN	Reactive Cyanide	42
SM-846-7-3-H ₂ S	Reactive Sulfide	42
ASTM D1429	Specific Gravity	20
SM 4500-S-2-D	Sulfide, Total	25
EPA 376.2/9031	Sulfide, Dissolved	25
SM 5540-C	Surfactants (MBAS)	50
SM 2540-C	Total Dissolved Solids (TDS)	20
SM 2540-D	Total Suspended Solids (TSS)	20
EPA 160.3	Total Solids (TS)	20
EPA 160.4	Total Volatile Solids (TVS)	25
EPA 160.4	Total Volatile Suspended Solids (TVSS)	25
SM 2540-F	Total Settleable Solids (SS)	20
EPA 9020B	Total Organic Halides (TOX)	138
9060	Total Organic Carbon (TOC) Water/Soil	45/65
EPA 180.1	Turbidity, NTU	15

SERVICE FEATURES:

- **Normal** Turnaround Time (TAT) is 5 working days for most analyses.
All preliminary results can be sent via Facsimile or Email (PDF).
 - **QA/QC** Level 1 reports are available upon request with no surcharge. Additional QA/QC is available for a small surcharge.
 - **EDD** ("Electronic Data Deliverables") available in a variety of formats at no charge for most projects.
 - **EDF** ("Electronic Deliverables Format") for uploading to the State of California "GeoTracker" system for LUFT sites provided at a \$ 25.00 charge.
 - **Rush** Turnaround of analyses available upon request:

Weekend & Holiday	200%
Same day	100%
24 Hrs ** (Next Day)	50%
48 Hrs ** (2 Days)	35%
72 Hrs ** (3 Days)	20%
96 Hrs ** (4 Days)	10%

 ** - Applicable to some tests only. Please call the lab for specific details.
 - **Free** Sample pick-up or Free Shipping at your job site or office
 - **Free** pre-cleaned, certified sample bottles and containers
 - **Free** delivery of sample bottles and containers to your job site or office
 - **Free** sample disposal (Note: All samples will be disposed of after 30 days from date of analysis, unless prior arrangement has been made.)
- Long Term Special Discounted Rates are available to suit your specific analytical needs.**



Calscience



Eurofins Calscience, Inc. is an industry leader within the environmental laboratory testing community and for over 10 years has consistently ranked in the top 20 environmental laboratories in the U.S. We offer a comprehensive portfolio of analytical methods and our analytical expertise encompasses all environmental matrices including, air, groundwater, sea water, sediment, soil, wastewater and tissue.

Stillwater Sciences

County of Los Angeles As Needed
Environmental Services LACDPW, Water
Resources Branch

2017 - 2020 Rates

Northern California – Service Center

5063 Commercial Circle, Suite H
Concord, CA 94520-8577
925-689-9022

Southern California - Main Laboratory

7440 Lincoln Way
Garden Grove, California 92841-1427
714-895-5494

VOC & Air Testing Laboratory

7445 Lampson Ave
Garden Grove, CA 92841-2903

Marine Chemistry Laboratory

11380 Knott Street
Garden Grove, CA 92841-1400

The difference is service

Soil & Water

ORGANICS

ANALYSIS	METHOD	PRICE \$
1,2,3-Trichloropropane – Low Level	SRL 524M-TCP	80
1,4-Dioxane (Isotope Dilution) – Low Level	EPA 8260B SIM	80
1,4-Dioxane (Isotope Dilution) – Low Level	EPA 8270C (M) SIM	100
1,4-Dioxane – Low Level	EPA 522	125
Dissolved Gases – Carbon Dioxide in water	RSK 175 (M)	75
Dissolved Gases – Methane in water	RSK 175 (M)	75
Dissolved Gases – Methane, Ethane & Ethene in water	RSK 175 (M)	80
Explosives – Nitroaromatics and Nitramines	EPA 8330	170
Fumigants (EDB, DBCP) by GC/ECD	EPA 504.1	55
Herbicides, Chlorinated	EPA 8151A	135
N-Nitrosodimethylamine (NDMA) – Low Level	EPA 1625C (M)	150
Non-Halogenated Organics (2-Butanol, Ethanol, Isobutanol, Isopropanol, Methanol, n-Butanol)	EPA 8015B	100
Non-Halogenated Organics (Ethanol and/or Methanol)	EPA 8015B	80
Organochlorine Pesticides	EPA 8081A or 608	90
Organic Acids (Acetic, Butyric, Lactic, Propionic, Pyruvic)	HPLC/UV	80
Organochlorine Pesticides – Extended Target List	EPA 8081A	110
Organochlorine Pesticides and PCBs	EPA 608	125
Organochlorine Pesticides – Low-Level	EPA 608	200
Organophosphorus Pesticides	EPA 8141A	125
Organophosphorus Pesticides – Extended Target List	EPA 8141A	135
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	275
Organotins – Tributyltin only	Krone et al. (GC/MS)	150
PAHs – Low Level by Selective Ion Monitoring (SIM)	EPA 8270C (M) SIM	125
PAHs – Low Level by HPLC	EPA 8310 or 610	130
PCB Congeners (Eurofins Calscience list of 41 Congeners)	EPA 8270C (M) SIM	300
PCB Congeners – Extended Target List	EPA 8270C (M) SIM	350
Polychlorinated Biphenyls (PCBs – Aroclors)	EPA 8082 or 608	60
Semivolatile Organic Compounds (SVOCs)	EPA 8270C or 625	160
SVOCs – Extended SIM List	EPA 8270C or 625 SIM	250
SVOCs Appendix II or IX Target List (3 sample minimum)	EPA 8270C	275
SVOCs Tentatively Identified Compounds (TICs) add-on to 8270C	EPA 8270C	50
Volatile Organic Compounds (VOCs) *	EPA 8260B or 624	80
VOCs plus Fuel Oxygenates (MTBE, TBA, DIPE, ETBE, TAME, Ethanol) *	EPA 8260B	80
VOCs – Appendix II or IX Target List *	EPA 8260B	125
VOCs – Low Level 20 ml Purge (water)	EPA 8260B	100
VOCs – Tentatively Identified Compounds (TICs) add-on to 8260B	EPA 8260B	35
Volatile Organic Compounds	EPA 524.2	90

* Field sampling devices, such as EnCores™ or Terra Cores, are not included in the unit rate, see page 3.

UNDERGROUND FUEL TANK

ANALYSIS	METHOD	PRICE \$
BTEX and/or MTBE *	EPA 8260B/624	60
BTEX and/or MTBE *	EPA 8021B/602	40
BTEX and Fuel Oxygenates (MTBE, TBA, DIPE, ETBE, TAME, Ethanol) *	EPA 8260B	65
Fuel Oxygenates (MTBE, TBA, DIPE, ETBE, TAME, Ethanol) *	EPA 8260B	65
Methanol and/or Ethanol *	EPA 8015B	65
Naphthalene	EPA 8260B	60
Naphthalene	EPA 8270C	90
NWTPH (TPH as Diesel/Motor Oil)	NWTPH – Dx	45
NWTPH (Volatile Petroleum Products)	NWTPH – Gx	40
Organic Lead (includes sample preparation)	CA DHS LUFT	80
PAHs – Low Level by Selective Ion Monitoring (SIM)	EPA 8270C (M) SIM	125
Total Petroleum Hydrocarbons (TPH) – Diesel/Diesel Range Organic (DRO)	EPA 8015B (M)	40
Total Purgeable Petroleum Hydrocarbons (TPPH) add-on to 8260B	EPA 8260B	20
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 418.1/418.1 (M)	40
TPH – Extractable (GRO/DRO/ORO)	EPA 8015B (M)	55
TPH – Extractable with Carbon Chain Breakdown (C6-C36)	EPA 8015B (M)	45
TPH – Extractable with Carbon Chain Breakdown (C6-C44)	EPA 8015B (M)	55
TPH – Gas/Gasoline Range Organics (GRO) *	EPA 8015B (M)	35
TPH – Gas/GRO & BTEX *	EPA 8015B (M) & 8021B	40
TPH – Oil Range Organics (ORO)	EPA 8015B (M)	55
TPH – Purge & Trap (C6-C12)	EPA 8015B (M)	40
TPH – Specified Standard	EPA 8015B (M)	By quote
Volatile Organic Compounds (VOCs) plus Fuel Oxygenates *	EPA 8260B	80

See page 5 for Silica Gel Clean-up for TPH and other clean-up methods.

SOIL SAMPLING SUPPLIES for VOLATILES/PURGABLES

EnCores™, 5035 Sampling Devices (T-handle not included) **	\$10 (each)
5035 Terra Core Sampling Kits (includes sodium bisulfate and methanol preserved VOA's and sub-sampler.)	\$15 (3 vial)
	\$25 (5 vial)

* Field sampling devices, such as EnCores™ or Terra Cores, are not included in the unit rate.

** Add \$10 Fee for 5035 sample preservation in the laboratory using sodium bisulfate and methanol.

HAZARDOUS WASTE

ANALYSIS

Ignitability (Flashpoint)

METHOD
EPA 1010

PRICE \$
30

Ignitability (Soil/Solids)

EPA 1030

40

Corrosivity (as pH) (15 minute Hold Time)

EPA 9045D

7

Paint Filter Liquids Test

EPA 9095A

25

Reactivity

Cyanide

SW 846 Chapter 7

30

Sulfide

SW 846 Chapter 7

30

Cyanide and Sulfide

SW 846 Chapter 7

60

Toxicity – Sample Preparation

TTLIC Sample Digestion for Metals (excludes Hg and Cr VI)

EPA 3050B

10

TCLP/SPLP (Volatile) ZHE Extraction

EPA 1311/1312

60

TCLP/SPLP (Semi/Non-Volatile) Bottle Extraction

EPA 1311/1312

35

STLC (Semi/Non-Volatile) Bottle Extraction

CAC Title 22

35

Toxicity – Sample Analysis

CA Title 22 – CAM 17 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn

EPA 6010B/
7470A or 7471A

80

Organic Lead (includes sample preparation)

DHS LUFT

80

Individual Metals by ICP

EPA 6010B

8

Mercury

EPA 7470A/7471A

25

Chromium VI (24 hour Hold Time for waters, includes sample preparation)

EPA 7196A

50

Fluoride

SM 4500-F C

30

Dioxin (TCDD only, subcontracted)

EPA 8280A/8290A

By quote

Herbicides, Chlorinated

EPA 8151A

135

Organochlorine Pesticides

EPA 8081A

90

Polychlorinated Biphenyls (PCBs – Aroclors)

EPA 8082

60

Semivolatile Organic Compounds

EPA 8270C

160

Volatile Organic Compounds

EPA 8260B

80

TCLP Metals (8) : As, Ba, Cd, Cr(t), Pb, Hg, Se, Ag

EPA 6010B & 7470A

75

TCLP Full List (includes TCLP leaching procedures and TCLP target lists for the following methods: 6010B, 7470A, 8081A/B, 8082/A, 8151A, 8260B, & 8270C)

Various

675

96-hour Acute Aquatic Toxicity

California Dept. of Fish and
Game

200

Asbestos (Subcontracted)

EPA 600/4-83-043/EPA
600/R-93/116

By quote

CLEANUPS

CLEANUP	METHOD	PRICE \$
Acid-Base Partition	EPA 3650B	By quote
Alumina Cleanup	EPA 3610B/3611B	30
CA LUFT Manual centrifugation/gravity separation for extractable fuel products in aqueous matrix.	CA DHS LUFT	60
ENVI-Carb/PSA	CEL SOP M234	40
Florisil Column	EPA 3620B/C	20
Gel Permeation Chromatography (GPC)	EPA 3640A	75
Silica Gel Cleanup (extract shake-out)		5
Silica Gel Cleanup (1-2 gram column)	EPA 3630C (M)	10
Silica Gel Cleanup (10 gram column with reverse surrogate)	CA DHS LUFT	45
Soxhlet Extraction	EPA 3540C/3541	30
Sulfur Cleanup	EPA 3660B	30

Other protocols available, call for options and pricing

INCREMENTAL SAMPLING METHODOLOGY (ISM)

	METHOD	PRICE \$
Semi-volatile/non-volatile ISM per HI HEER Guidance	HI HEER	100
Volatile ISM per HI HEER Guidance	HI HEER	By quote
Metals Digestion, 10 gram sample (multiple digestions)	EPA 3050B	50
Mercury Digestion, 5 gram sample (multiple digestions)	EPA 3050B	50
Methanol kit for ISM volatile fraction sampling	EPA 5035	By quote

OTHER PREPARATIONS

Sample Filtration	10
Sample Compositing (water/soil), per discrete sample	4
Concrete Crushing	25
Soil Sieving	75

OTHER SUPPLIES

Wipe Sample Kit (per method)	4
DI Water (1 Gallon)	10
Organic Free Water (1 L)	10

METALS

ANALYSIS	METHOD	PRICE \$
<u>Sample Preparation</u>		
Total Digestion	EPA 1010A/3020A/3050B	10
Sample Filtration for Dissolved Metals (Within 24 hrs)	EPA 3005A	8
Reductive Precipitation Procedure	SOP M225	75
TCLP/SPLP Bottle Extraction	EPA 1311/1312	35
STLC (WET) Extraction	CAC, Title 22, § 66261.126, App. II	35
<u>Sample Analyses</u> (Sample digestion fee is not included in unit rate for individual metals by ICP & ICP/MS)		
Chromium VI (24 hour Hold Time for waters)	EPA 218.6	80
Chromium VI (24 hour Hold Time for waters)	EPA 7196A	50
Chromium VI (24 hour Hold Time for waters)	EPA 7199	75
Chromium VI (soil/solid matrix)	EPA 7199/3060A	80
Individual Metals by ICP	EPA 6010B or 200.7	8
Individual Metals by ICP/MS	EPA 6020 or 200.8	15
Mercury by Cold Vapor AA (includes digestion)	EPA 7470A/7471A or 245.1	25
Mercury – Low Level (water)	EPA 1631E	85
CA Title 22 – CAM 17 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6010B & 7470A or 7471A	80
CA Title 22 – CAM 17 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6020 & 7470A or 7471A	100
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.7 & 245.1 or EPA 6010B & 7470A or 7471A	80
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.8 & 245.1 or EPA 6020 & 7470A or 7471A	100
TCLP (RCRA) Metals: As, Ba, Cd, Cr(t), Pb, Hg, Se, Ag	EPA 6010B & 7470A or 7471A	75
ICP Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, P, K, Se, Si, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6010B or 200.7	80
ICP/MS Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6020 or 200.8	100
Appendix I List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn, Hg	EPA 6010B & 7470A or 7471A	80
Appendix I List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn, Hg	EPA 6020 & 7470A or 7471A	100
Appendix II/IX List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, Sn, V, Zn, Hg	EPA 6010B & 7470A or 7471A	90
Appendix II/IX List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, Sn, V, Zn, Hg	EPA 6020 & 7470A or 7471A	110
ICP/MS Metals Scan with Reductive Precipitation Preparation: As, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Zn	SOP M225/EPA 6020/6020A or 200.8	275
Sea Water Metals: Al, Sb, As, Ba, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Se, Ag, Tl, V, Zn	EPA 1640	275

Parameters shown in **Bold** have short Hold Times

WET CHEMISTRY

ANALYSIS	METHOD	PRICE \$
Acidity	SM 2310 B (EPA 305.1)	30
Ash Free Dry Mass	SM 10300 C	20
Anions by IC (F, Cl, Br, NO₂ , NO₃ , SO ₄ , o-PO₄) (48 hour Hold Time)	EPA 300.0/9056	50
Any single anion	EPA 300.0/9056	20
Any two anions	EPA 300.0/9056	30
Any three anions	EPA 300.0/9056	40
Alkalinity, Total	SM 2320 B (EPA 310.1)	15
Alkalinity, Speciated (bicarbonate, carbonate, hydroxide)	SM 2320 B (EPA 310.1)	15
Biochemical Oxygen Demand (48 hour Hold Time)	SM 5210 B (EPA 405.1)	40
Carbon Dioxide – headspace analysis	RSK 175(M)	75
Carbon Dioxide (24 hour Hold Time)	SM 4500-CO ₂ D	20
Bromide	SM 4500-Br B	30
Cation Exchange Capacity	EPA 9081	70
Chemical Oxygen Demand (reflux)	SM 5220 C (EPA 410.1)	70
Chemical Oxygen Demand (spectrophotometric)	SM 5220 D/EPA 410.4	20
Chloride	SM 4500-Cl C (EPA 325.3)	25
Chlorine, Free (15 minute Hold Time)	SM 4500-Cl F (EPA 330.4)	20
Chlorine, Total Residual (15 minute Hold Time)	SM 4500-Cl F (EPA 330.4)	20
Chromium VI (24 hour Hold Time)	EPA 218.6	80
Chromium VI (24 hour Hold Time)	EPA 7196A	50
Chromium VI (24 hour Hold Time)	EPA 7199	75
Chromium VI (soil/solid samples)	EPA 7199/3060A	80
Color (48 hour Hold Time)	SM 2120 B (EPA 110.2)	10
Cyanide, Amenable	SM 4500-CN G	70
Cyanide, Amenable (soil)	EPA 9010C/9014	70
Cyanide, Free	SM 4500-CN I	35
Cyanide, Free (soil)	EPA 9010C/9014	35
Cyanide, Total	SM 4500-CN E (EPA 335.2)	35
Cyanide, Total (soil)	EPA 9010C/9014	35
Density	ASTM D1475(M)	20
Fluoride (ISE)	SM 4500-F C (EPA 340.2)	25
Dissolved Organic Carbon (Field filtered)	SM 5310 D (EPA 415.1)	35
Dissolved Organic Carbon (Lab filtered, required within 24 hours)	SM 5310 D (EPA 415.1)	40
Formaldehyde (24 hour Hold Time)	ASTM D6303-98	80
Hardness, Total	SM 2340 C (EPA 130.2)	15
Hardness, (Magnesium, calc. from Calcium & total hardness)	SM 2340 B	15

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

WET CHEMISTRY (continued)

ANALYSIS	METHOD	PRICE \$
Hydrazine (24 hour Hold Time)	ASTM D1385	80
Hydrogen Sulfide (24 hour Hold Time)	HACH Model HS-C	20
Hydrochloric Acid, Percent	Sodium Carbonate Titration	50
Ignitability (Flashpoint)	EPA 1010	30
Ignitability (Soil/Solid)	EPA 1030	40
Iodide	SM 4500-I D (M)	40
Ion Balance	Calculation	20
Iron, Ferrous (24 hour Hold Time)	SM 3500-Fe B	40
Mercaptans (48 hour Hold Time)	LACSD 258	70
Moisture Content	ASTM D2216	12
<u>Nitrogen</u>		
Ammonia (Titration with distillation)	SM 4500-NH3 B/C (EPA 350.2)	40
Ammonia (Unionized)	SM 4500-NH3 B/C (EPA 350.2)	45
Ammonia (Ion Selective Electrode (ISE) with distillation)	SM 4500-NH3 F (EPA 350.3)	40
Ammonia (Segmented Flow Analyzer (SFA))	EPA 350.1 (M)	50
Nitrate (48 hour Hold Time)	SM 4500-NO3 E/SM 4500-NO2 B	60
Nitrite (48 hour Hold Time)	SM 4500-NO2 B (EPA 354.1)	30
Nitrate & Nitrite (48 hour Hold Time if Unpreserved)	SM 4500-NO3 E (EPA 353.3)	30
Organic	SM 4500-NH3 B/C/4500-N _{Org} B	70
Total Kjeldahl	SM 4500-N _{Org} B (EPA 351.3)	50
Total Kjeldahl (SFA)	EPA 351.2 (M)	50
Total Nitrogen (48 hour Hold Time if Unpreserved)	SM 4500-NO3 E/4500-N _{Org} B	70
Total Inorganic Nitrogen (48 hour Hold Time if Unpreserved)	SM 4500-NO3 E/4500-NH3 B/C	70
Odor (24 hour Hold Time)	SM 2150 B	15
Oil and Grease	SM 5520 B or 413.1	50
Oil and Grease; Hexane Extractable Material (HEM)	EPA 1664A	40
Oil and Grease; HEM – Silica Gel Treated (SGT)	EPA 1664A	50
Oxygen, Dissolved (15 minute Hold Time)	SM 4500-O G	20
Paint Filter Liquids Test	EPA 9095B	25
pCBA	EPA 314.0 (M)	50
Perchlorate, Soil	EPA 314.0 (M)	75
Perchlorate, Water	EPA 314.0	50
Perchlorate, Water	EPA 331.0 (M)	*150
Perchlorate, Soil or Water	EPA 6850	*165
pH (soil)	EPA 9045C	10
pH (24 hour Hold Time)	EPA 9040B	10
pH (15 minute Hold Time)	SM 4500-H+B	7

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

*The unit rate does not include the method mandated sampling kit for water samples; the unit rate for the kit is \$8.50.

WET CHEMISTRY (continued)

ANALYSIS	METHOD	PRICE \$
Phenolics, Total	SM 5530 D or EPA 9065 or 420.1	50
Phosphate, Ortho (48 hour Hold Time)	SM 4500-P B/E	25
Phosphate, Ortho (SFA) (48 hour Hold Time)	EPA 365.1 (M)	45
Phosphate, Total	SM 4500-P B/E	30
Phosphate, Total (SFA)	EPA 365.1 (M)	45
Phosphorous, Total	SM 4500-P B/E (EPA 365.3)	40
Phosphorous, Total (SFA)	EPA 365.1 (M)	45
Potassium Permanganate (24 hour Hold Time)	SM 4500-KMnO ₄ B	40
Redox Potential (24 hour Hold Time)	ASTM D1498	30
Resistivity	EPA 120.1 (M)	10
Salinity	SM 2520 B	20
Sediment Concentration in Water	ASTM D3977-97	20
<u>Solids (Residues)</u>		
Total Dissolved	SM 2540 C (EPA 160.1)	12
Total Suspended	SM 2540 D (EPA 160.2)	12
Total	SM 2540 B (EPA 160.3)	12
Volatile	EPA 160.4	20
Settleable (48 hour Hold Time)	SM 2540 F (EPA 160.5)	12
Volatile Suspended	SM 2540 D/EPA 160.4	40
Fixed Dissolved	SM 2540 E	35
Specific Conductance	SM 2510 B	7
Sulfide	SM 4500-S2 D (EPA 376.2)	25
Sulfide, Dissolved (15 minute Hold Time)	SM 4500-S2 D (EPA 376.2)	30
Sulfite (15 minute Hold Time)	SM 4500-SO3 B (EPA 377.1)	30
Surfactants (MBAS) (48 hour Hold Time)	SM 5540 B/C (EPA 425.1)	40
Thiosulfates (48 hour Hold Time)	LACSD 253A	50
Total Inorganic Carbon in Water/Liquids	SM 5310 D (M) (EPA 415.1)	35
Total Inorganic Carbon in Soil/Solids	EPA 9060A (M)	70
Total Organic Carbon in Water/Liquids	SM 5310 B/D (EPA 415.1)	35
Total Organic Carbon in Soil/Solids	EPA 9060A	70
Turbidity (48 hour Hold Time)	SM 2130 B (EPA 180.1)	10
<u>General Minerals</u>		
Calcium, Copper, Iron, Magnesium, Manganese, Sodium, Zinc, Alkalinity-specified, Chloride, MBAS, pH, Sulfate, Nitrate, Nitrite, Conductivity, Hardness, & TDS	Various	250
<u>Cation-Anion Balance</u>		
Alkalinity, Calcium, Chloride, Fluoride, Iron, Magnesium, Manganese, Nitrate, Nitrite, pH, Potassium, Sodium, Conductivity, Sulfate, & TDS	Various	200

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

BIOASSAYS**ANALYSIS**

96-hour Acute Aquatic Toxicity (% survival)

96-hour LC 50 Aquatic Bioassay (definitive) Includes % Survival

METHOD

California Dept. of Fish & Game

California Dept. of Fish & Game

PRICE \$

200

500

Air/Vapor

AIR/VAPOR

METHOD	DESCRIPTION	PRICE \$
8260B (M)	Soil Gas Analysis by GC/MS	
	- BTEX or MTBE Only	50
	- BTEX + Oxygenates + Ethanol	60
	- BTEX + Oxygenates + Naphthalene + Ethanol	65
TO-14A	Volatile Organics by GC/MS Full Scan	
	- Full TO-14A Target List	150
	- Full TO-14A Target List + MTBE	150
	- BTEX or MTBE Only	90
	- SCAQMD Rule 1150.1 Compounds	150
	- Add Tentatively Identified Compounds	40
EPA TO-15/TO-15 (M)	Volatile Organics by GC/MS Full Scan	
	- EPA 8021B List	125
	- BTEX and MTBE	90
	- BTEX or MTBE Only	80
	- BTEX and Fuel Oxygenates	105
	- BTEX, Fuel Oxygenates + Naphthalene	110
	- Naphthalene	80
	- Full TO-15 List (Standard Target List)	150
	- Full TO-15 List + Fuel Oxygenates	160
	- Full TO-15 List + Oxygenates + Naphthalene	165
	- TO-15 Extended Target List	175
	- Add Tentatively Identified Compounds	40
	- Mass DEP Air-Phase Petroleum Hydrocarbons	150
EPA TO-15 SIM	Volatile Organics by GC/MS in SIM Mode *	
	- One compound	125
	- Two to five compounds	150
	- Six to ten compounds	170
	- Full SIM List	190
	- Full SIM List + Naphthalene	200

Soil Gas Leak Detection Compounds (IPA or 1,1-DFA) can be added to any of the methods shown above at no additional charge. Request for Leak Detection Compounds should be indicated on the Chain of Custody. If Helium tracer is required an additional fee of \$50 applies, see method ASTM D-1946 on page 13.

** Requires individually certified Summa™ canisters and flow controllers.*

AIR/VAPOR (continued)

METHOD	DESCRIPTION	PRICE \$
EPA TO-17	Analysis of Sorbent Tubes by GC/MS	
	- Naphthalene	115
	- Gasoline Range Organics	130
	- Diesel Range Organics	130
	- Volatile Organic Compounds	150
	Analysis from High Volume PUF Cartridges	
EPA TO-13A	- Polynuclear Aromatic Hydrocarbons *	160
EPA TO-4A	- Pesticides *	160
EPA TO-4A	- Polychlorinated Biphenyls (PCBs - Aroclors) *	160
	Analysis by GC	
ASTM D-2820	- C ₁ – C ₆ Hydrocarbon Speciation by GC/FID	70
EPA TO-3 (M)	- C ₁ – C ₆ Hydrocarbon Speciation by GC/FID	70
EPA TO-3 (M)	- TPH as Gasoline	40
EPA TO-3 (M)	- Gasoline Range Organics C ₆ -C ₁₂	50
EPA TO-3 (M)	- VOCs >= C ₃ as Hexane (SCAQMD permit compliance)	40
ASTM D-1946	- Fixed Gases (CO ₂ , CO, CH ₄ N ₂ , O ₂)	65
ASTM D-1946	- Helium and/or Hydrogen	50
EPA 16 GC/FPD	- Hydrogen Sulfide (24 hour Hold Time, requires Tedlar™ bag)	**75
SCAQMD 25.1	- Non-condensables analysis for TGNMO and CH ₄	80
SCAQMD 25.1	- Non-condensables analysis for TGNMO, CH ₄ and fixed gases	100
SCAQMD 25.1	- Non-condensables analysis for fixed gases	80
RSK 175(M)	Headspace Analysis by GC	
	- Methane in water	75
	- Methane, Ethane & Ethene in water	80
	- Carbon Dioxide in water	75
	Particulates & Lead	
40 CFR, Part 50, App. G	- Lead Analysis, high-volume sampling	40
40 CFR, Part 50, App. J	- PM 10 or PM 2.5 Particulate, high-volume sampling	30
40 CFR, Part 50, App. J	- TSP Particulate, high-volume sampling	30

* Additional fee for PUF cartridge, see page 14

** \$300 minimum charge

Parameters shown in **Bold** have short Hold Times

AIR/VAPOR SAMPLING EQUIPMENT & SUPPLIES

Rental conditions and prices are as follows:

1. Six-liter and one-liter Summa™ canisters are available for rent. The canisters are provided to our clients under full vacuum, so that sample collection can be accomplished without the use of a pump
2. Cleaning of canisters is to be performed by Eurofins Calscience since canisters are easily damaged or destroyed if improperly cleaned.
3. Client is responsible for the canisters. Lost or damaged canisters will be billed at current market rates.
4. Canister rental period is two weeks. Advance arrangements are required for rental periods in excess of two weeks. Additional fees apply for extended rental periods.
5. Canisters which are return shipped via UPS or Federal Express should be insured for \$600 each.

Rental Fees:

Six-liter or one-liter canister rental:

\$35 with batch certification

\$85 with individual certification (for full TO-15 target list)

\$100 with SIM certification (for full TO-15 SIM target list)

Flow controllers, used for integrated sampling (8-24 hours):

\$25 with batch certification

\$50 SIM certification

\$15 with soil gas manifold set at <200 cc per minute flow rate

Duplicate Sampling "T":

\$15 with batch certification

\$25 with individual certification

Sorbent Tubes:

\$40 with batch certification

\$100 with individual certification

Swagelok fittings: Available upon request

Rates for Other Equipment (purchase)

Sampling Syringe: \$5

Teflon tubing: \$5/foot

PM 10 or PM 2.5 Filters: \$20 each

PUF Cartridge (High Volume): \$45 *

Air sampling bags, such as Tedlar™ bags, price per one-Liter bag: \$12.00.



Advance payment or a deposit will be necessary for canister or flow controller rental. Waivers of advance payment and deposit requirements are subject to credit approval.

Eurofins Calscience provides air sampling bags as a service to our clients. Eurofins Calscience does not manufacture air sampling bags; we purchase them from our vendors. Eurofins Calscience will not be responsible for leaky or otherwise substandard performance of the air sampling bags supplied.

Billing for Sampling Equipment: Unused sample containers cannot be returned to Eurofins Calscience for reuse due to possible contamination issues. Once sampling equipment leaves the custody of Eurofins Calscience it is considered to have been used. Clients will be billed for all canisters, bags, or other sampling devices that have been provided unless otherwise agreed upon. Canisters and flow controllers not returned within two weeks are subject to additional rental charges.

**If the glass housing for the PUF Cartridge is returned broken or is lost a fee of \$100 will be charged.*

Marine Chemistry

Sediments, Tissues, Seawater & Elutriates

SEDIMENT

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	140
Organochlorine Pesticides by GC/MS SIM	EPA 8270C (M) SIM	295
Organochlorine Pesticides by HRMS (Subcontracted)	EPA 1699	By quote
Polychlorinated Biphenyl's (PCBs – Aroclors)	EPA 8082/8082A	90
PCB Congeners (Eurofins Calscience list of 41 Congeners) by GC/MS SIM	EPA 8270C (M) SIM	300
PCB Congeners – Extended Target List by GC/MS SIM	EPA 8270C (M) SIM	350
Phenols Low-level by GC/MS SIM	EPA 8270C (M) SIM	165
Phthalates Low-level by GC/MS SIM	EPA 8270C (M) SIM	165
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C (M) SIM	175
Pyrethroids by GC/TQ	EPA 8270D (M) TQ	375
Semivolatile Organic Compounds (Phenols, Phthalates, PAHs) by GC/MS SIM	EPA 8270C (M) SIM	275
Total Recoverable Petroleum Hydrocarbons (TRPH)	418.1 (M)	60
Total Petroleum Hydrocarbons (TPH)-Gasoline	EPA 8015B (M)/GRO	50
TPH-Diesel	EPA 8015B (M)/DRO	50
TPH with Carbon Chain Breakdown (C6-C44)	EPA 8015B (M)	80
Volatile Organic Compounds (VOCs) plus Fuel Oxygenates	EPA 8260B	120
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	275
Organotins – Tributyltin only	Krone et al. (GC/MS)	150
Total Organic Carbon (TOC)	EPA 9060A	75
Metals in Sediment: As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Zn	EPA 6020	145
Mercury	EPA 7471A	30
Mercury – Low Level (Subcontracted, Eurofins)	EPA 1631	120
Ammonia, Total	SM 4500-NH3 B/E (M)	35
Chromium VI	EPA 7196A	60
Chromium VI – Low Level	EPA 7199/3060A	100
Moisture Content/Total Solids	ASTM D-D216 or SM 2540 B	15
Particle Size Analysis (Sieve or Laser)	ASTM D422 or D4464 (M)	75
Sulfide, Total	SM 4500-S2 D (M)	30
Sulfide, Dissolved (Pore Water) (24 hour Hold Time)	SM 4500-S2 D (M)	45

Samples are subject to additional fees for homogenization, compositing, and/or GPC or other clean-up.

ELUTRIATE PREPARATION

For any elutriate preparation, whether it be the SET, MET, EET, or DRET, there is a set-up charge for bench space, material, solids testing and management.

ANALYSIS	PRICE \$
SET Set-up Charge	250
MET, EET, or DRET Set-up Charge	500
SET, per sample	250
MET, EET, or DRET, per sample	300

SEAWATER & ELUTRIATES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	140
Organochlorine Pesticides by GC/MS SIM	EPA 8270C (M) SIM	295
Organochlorine Pesticides by HRMS (Subcontracted)	EPA 1699	By quote
PCBs (Aroclors)	EPA 8082	100
PCB Congeners (List of 41 Congeners) by GC/MS SIM	EPA 8270C (M) SIM	325
PCB Congeners – Extended List by GC/MS SIM	EPA 8270C (M) SIM	375
Phenols Low-level by GC/MS SIM	EPA 8270C (M) SIM	175
Phthalates Low-level by GC/MS/SIM	EPA 8270C (M) SIM	175
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C (M) SIM	175
Semivolatile Organic Compounds (Phenols, Phthalates, PAHs) by GC/MS SIM	EPA 8270C (M) SIM	275
Polybrominated Diphenyl Ethers (PBDEs) (Subcontracted)	By quote	By quote
Pyrethroids by GC/TQ	EPA 8270D (M) TQ	300
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	275
Organotins – Tributyltin only	Krone et al. (GC/MS)	150
Sea Water Metals: As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Zn	EPA 6020	165
Sea Water Metals Scan with Reductive Precipitation Preparation: As, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Zn	SOP M225/EPA 6020 or 200.8	275
Sea Water Metals: Al, Sb, As, Ba, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Se, Ag, Ti, V, Zn	EPA 1640	275
Mercury	EPA 7470A	30
Mercury – Low Level	EPA 1631	100
Oxygen, Dissolved	SM 4500-O G	20
Suspended Sediment	ASTM 3977-97	25
Total Suspended Solids	SM 2540 C	15
THB Reductive Precipitation Procedure (trace element determination)	SOP M225	90

TISSUES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	165
Organochlorine Pesticides by GC/MS SIM	EPA 8270C (M) SIM	300
Organochlorine Pesticides by HRMS (Subcontracted)	EPA 1699	By quote
PCBs (Aroclors)	EPA 8082	100
PCB Congeners (Eurofins list of 41 Congeners) by GC/MS SIM	EPA 8270C (M) SIM	375
PCB Congeners – Full list 209 Congeners by HRMS (Subcontracted)	EPA 1668	925
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C (M) SIM	*210
Semivolatile Organics (PAHs, Phenols & Phthalates)	EPA 8270C (M) SIM	*350
Pyrethroids by GC/TQ	EPA 8270D (M) TQ	375
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	300
Tributyltin	Krone et al. (GC/MS)	200
Metals: As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Zn	EPA 6020	175
Mercury	EPA 7471A	30
Lipids	Eurofins SOP	30
Moisture Content/Total Solids	ASTM D 2216/SM 2540 B	30
Sample Homogenization		35

PREPARATIONS & CLEANUPS

PROCEDURE	METHOD	PRICE \$
Gel Permeation Cleanup (GPC)	EPA 3640A	75
Silica Gel Cleanup	EPA 3630C (M)	20
Solid Phase Extraction (SPE)	EPA 3535A (M)	50
Sulfur Cleanup	EPA 3660B	30
ENVI-Carb/PSA	CEL SOP M234	40
Bivalve Shucking		By quote
Dissection		By quote
Sample Compositing		By quote
Sample Homogenization		By quote
Pore Water Preparation	Centrifugation	By quote

*PAH price includes GPC & Alumina clean-up

REFERENCE MATERIAL TESTING

Fees for Certified Reference Material (CRM) or Standard Reference Material (SRM) include the cost of the material plus analytical fee, as listed herein.

Samples are subject to additional fees for tissue preparation (e.g. shucking, dissections), homogenization, compositing, and/or GPC or other cleanup. Adequate sample volume must be received; please consults with our Project Manager prior to sampling. The standard turn-around time for tissue analysis is 15-25 working days depending upon the methods required.

Additional Information

GENERAL INFORMATION

LABORATORY LOCATIONS



Garden Grove - Main Facility (Sample Drop-off Location)

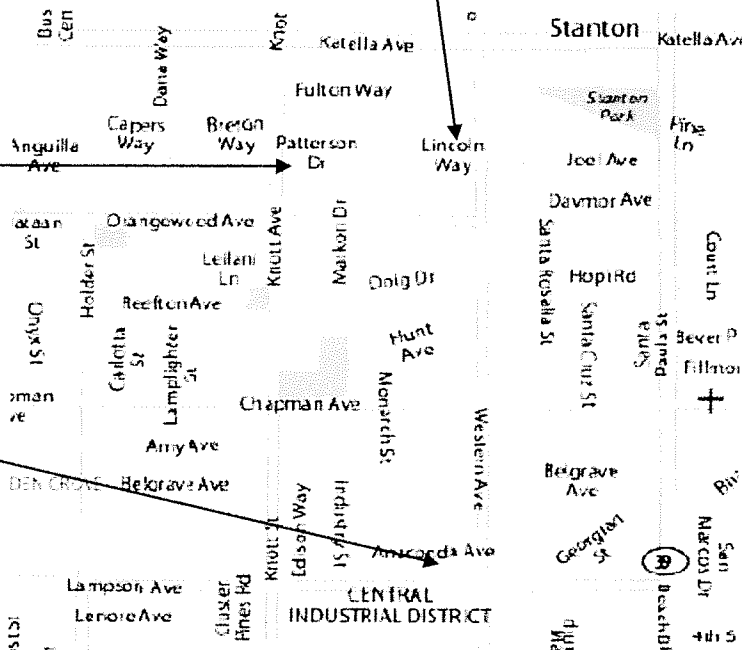
7440 Lincoln Way
Garden Grove, CA 92841-1427
Phone: 714-895-5494
Fax: 714-894-7501

Knott Ave. - Sample Container Pick-up Location

11380 Knott Ave.
Garden Grove, CA 92841-1400
Phone: 714-895-5494
Fax: 714-894-7501

Garden Grove - Lampson Facility

7445 Lampson Ave.
Garden Grove, CA 92841-2903
Phone: 714-895-5494
Fax: 714-897-2482



HOURS OF OPERATION

Normal working hours are 8:30 AM to 5:30 PM, Monday through Friday. Saturday sample receiving hours are 9:00 AM to 5:00 PM. While the laboratory is usually manned from 7:30 AM to 7:30 PM during normal working hours, pick-up or delivery outside of normal working hours, including weekends/holidays should be preceded by advance notice to ensure availability of personnel.

PICK-UP LOCATION FOR SAMPLING SUPPLIES

Customer pick-up for coolers and sampling supplies is located at our secondary facility at 11380 Knott Ave, Garden Grove, CA 92841-1400. Please note that samples cannot be accepted at this location, sample drop off is at main laboratory on Lincoln Way.

Directions to Sample Container/Bottle Preparation Facility (11380 Knott Ave) from Main Lab (7440 Lincoln Way):

- Right onto Western,
- Right onto Orangewood
- Right onto Knott
- Take second right into building complex

SAMPLE CONTAINERS Pre-preserved sample containers are furnished upon request, and are included in the cost of the analysis with the exception of supplies for EPA Method 5035 preparation for soils and air sampling devices.

Unused sample containers cannot be returned to Eurofins Calscience for reuse due to possible contamination issues. A minimum disposal fee of \$100 will apply to return of unused sample containers requiring disposal.

SAMPLE RECEIVING Sample Receiving is located at the main laboratory facility at 7440 Lincoln Way, Garden Grove, CA 92841-1427.

For our customers in Northern California, samples can be dropped off at our Concord, CA Service Center. For sample drop-off, please call ahead to ensure that there is someone available to receive samples.

Eurofins Calscience – Northern California Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
Phone: 925-689-9022

COURIER SERVICE Laboratory personnel are available to pick-up samples for analysis free of charge (based upon availability), assuming a minimum \$250 analytical fee and an approximate 50 mile or less driving distance from the laboratory or our Concord service center. Couriers are not responsible for checking contents of coolers or accuracy of the Chain-of-Custody (CoC), this is the responsibility of the client designee signing the CoC.

TURNAROUND TIMES The normal turnaround time is dependent upon the methods requested, ranging from five to ten working days for water, soil and air/vapor samples. Certain analyses or matrices (e.g. marine sediment and tissue) may require a fifteen working day turnaround time. Electronic (pdf) reports are provided via e-mail or available for download via our secured web portal.

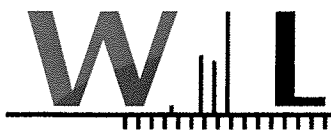
Turnaround times commence on the date and time samples are received by the laboratory, or when any CoC discrepancies are resolved. Please note that if a Eurofins Calscience courier receives samples in the field, the turnaround time does not commence until the courier arrives back at the laboratory. The courier may have additional stops before returning to the laboratory, so delays in commencing testing are possible when using a Eurofins Calscience courier. The turnaround time for samples received after normal business hours (i.e. after 1730 hours) will commence the following business morning (i.e. at 0830 hours).

Rush turnaround surcharges for analyses normally requiring five working days are as follows:

Immediate (timing to be arranged):	200%
24 hour (one working day):	100%
48 hour (two working days):	50%
72 hour (data provided by end of third day):	25%
96 hour (data provided by end of fourth day):	10%

Advance notice is strongly recommended for all rush analyses.

MINIMUM CHARGE	A minimum charge of \$300 per Work Order will apply unless otherwise agreed upon.
SAMPLE DISPOSAL	Disposal of solid and aqueous samples will occur 28 days following sample receipt unless other arrangements have been made in advance. Air samples will be retained only until analysis is completed.
SAMPLE COMPOSITING	Samples that require compositing prior to analysis are subject to a \$4 per sample compositing fee. For example, four discrete soil samples requiring compositing to one sample for analysis would be subject to a \$16 compositing fee, plus the cost of analysis. This compositing fee may be increased for difficult samples, e.g. marine sediments or soils tightly compacted into sampling sleeves.
SAMPLE STORAGE & ARCHIVING	Solid and Aqueous samples received but not analyzed are subject to a sample disposal fee of \$5.00 per sample. Samples are normally stored for a period of 28 days after sample receipt. Samples requiring archiving beyond 28 days are subject to a fee of \$2.00 per sample per month at ambient temperature, or \$5 per sample per month under refrigeration/ frozen.
DATA VALIDATION PACKAGES	For projects requiring reporting of analytical and quality control data including raw data a surcharge of 15%, or \$150, whichever is greater, will apply for a full validation package. These surcharges are applicable to packages that are requested at the time of sample delivery. Requests for generation of data packages after results have been reported may result in additional fees. Validation packages are available on CD ROM. The standard TAT for validation packages is 20 working days.
ELECTRONIC DATA DELIVERABLES (EDD)	<p>Presentation of data in spreadsheet format (e.g. Excel or Access) is included in the cost of analysis if requested on or before the time samples are received by the laboratory. Requests for EDDs after the final report is prepared may result in a fee. Complex EDDs may also require a fee.</p> <p>Preparation of State mandated Geotracker EDF deliverables will require a fee of 5% of the analytical fee or \$25 per report, whichever is greater.</p>
ADDITIONAL REPORT COPIES	At Client request, Eurofins Calscience will provide additional copies of reports and/or supporting raw data that has previously been provided at a cost of \$25 plus \$0.05 per page. Additional fees may apply for archived data retrieval.



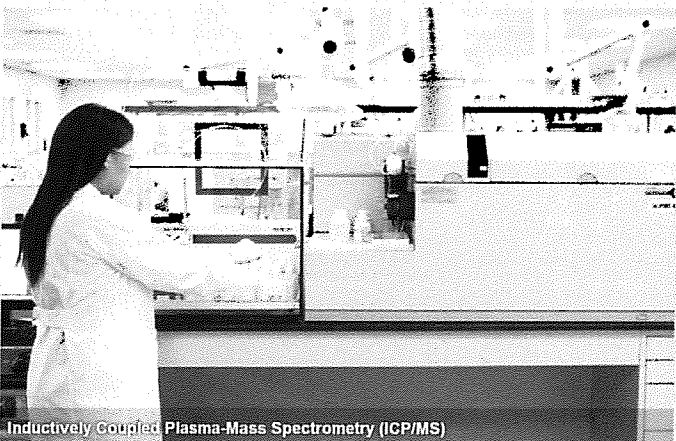
Weck Laboratories - 2016 - Fee Schedule



Wet Chemistry Department



Triple Quadrupole Gas Chromatography/Mass Spectrometry (GC/MS)



Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)



High-Pressure Liquid Chromatography (HPLC) Department



Radiochemistry



Triple Quadrupole Liquid Chromatography/Mass Spectrometry (LC/MS)



General Information

Weck Laboratories Inc. is a full service environmental testing laboratory, providing high quality services since 1964. More information can be obtained from our web page at www.wecklabs.com or in our Statement of Qualifications.

Sample Delivery

Clients can submit samples to the lab within our normal working hours of 8:00 AM to 5:30 PM Monday through Friday and 8:00 AM to 12:00 PM Saturdays. Sample pickup and delivery can be arranged at an additional charge. If samples must be delivered out of the normal working hours, prior notification for confirmation of acceptance is required.

Sample Receiving

All samples should be submitted in the proper conditions, accompanied by written instructions with the following minimum information:

- Company name, address, phone number and person receiving the report.
- Type of samples.
- Date and time of sampling.
- Name of sampler.
- Analyses needed on each sample.
- Project name or sample site.
- Billing information (P.O. number, address, etc.).

Also, any other additional information that can be provided by the client, such as ranges of expected results or description of the sampling site is very useful for expeditious testing, and the interpretation of results.

Sample Containers

Bottles with preservatives and shipping containers can be provided if requested. Shipment of these items to the sampling site can also be arranged at an additional charge. Specific sampling instructions are also available.

Sample Storage

After analyses are completed and a report is issued, the samples are kept for 30 days unless other arrangements are made in advance to archive the samples. After this period we will dispose of non-hazardous samples. The disposal of hazardous samples might be subject to a fee charged to the client, unless arrangements are made to return or pick up the hazardous samples.

Analytical Methods

The test methods used in the Laboratory are in substantial agreement with the methodology published by the USEPA and the Standard Methods for the Examination of Water and Wastewater, current approved Edition. Other methods used follow the guidelines of the AOAC, ASTM, NIOSH and other recognized methodologies. Some methods have been modified in order to achieve special reporting limits or to be applied to other matrices. Laboratory standard operating procedures (SOPs) are written for all methods in use at the laboratory.

Turn Around Time and Reporting

Analytical reports are provided in Adobe PDF format via www.wecklabs.com. Paper hardcopy reports can be provided at additional cost. For most analyses the turn around time is up to 15 working days, depending on the type and number of tests needed. RUSH analyses are available and should be arranged in advance. A Surcharge applies to rush orders, Weekends and Holidays are not counted as additional days for rush analysis. Samples that require a rush analysis to meet holding times will be subject to the rush surcharge. For rush analyses a copy of the report can be sent by FAX or email. Electronic reporting or special forms are available for a nominal fee. Weekend and holiday charge for bacteria check or BOD5 testing will be \$80.00 per day per batch of samples.

Change in prices

Prices for the analyses and special fees are subject to change without notice, however quotations that are still valid will not change.

Discounts

Discounts are available for multiple samples received at the same time or for long-term contracts. The discounts will be determined on a case-by-case basis. Please call for additional information.

**Credit Terms**

Terms are Net 30 Days on established accounts. Until proper credit is established we request prepayment or COD. To establish credit, please submit 4 current references including telephone and fax numbers. Interest may be added to overdue accounts at a rate of 1.5 % per month. Delinquent accounts are liable for collection charges incurred by Weck Laboratories and can include legal costs and collection agencies fees.

Minimum Charge

There is a minimum charge of \$200 per work order. For canceled jobs there will be a charge reflecting the work that has been done prior to cancellation. Samples that are logged in but put on hold or not analyzed may be subject to a login and storage fee of \$15.00 per sample.

Consultation

Limited free consultation is offered to clients, however a fee will be charged if extensive involvement is needed. Our staff offers a broad range of expertise in chemistry as well as environmental science and compliance with federal, state and local regulations in the fields of wastewater, drinking water, hazardous waste and air pollution.

Field Service

Weck Laboratories provides sampling of industrial wastewater for self-monitoring programs with the local Sanitation Districts; other sampling (drinking water, hazardous waste, soil etc.) can also be arranged. Sample pick up and courier services are also available for Southern California locations with prior notice.

Electronic Deliverables

Weck Laboratories can provide analytical results and QC data in a wide variety of electronic standard formats. Special EDD requirements can also be accommodated due to the flexibility of our LIMS. Additional fees may apply for customized electronic reporting. Please contact our customer services staff for more details on electronic reporting.

Quality Control

The analytical procedures, from the sampling to the reporting, follow strict Quality Control operations, as reflected in the Quality Assurance manual, which is available upon request. The Quality Assurance Program includes control of sample containers, preparation, analyses of blanks, matrix spikes, duplicates, certified check samples, proficiency evaluation and blind check samples, cross-check between different methods, different levels of data reviewing and permanent archiving of QC data. Standard Quality Control reports are provided at no charge. Other packages are available at an additional charge. Quality control packages requested after the initial report will result in higher charges due to data retrieval. Contact our QA manager for more information on Quality Assurance issues.

Limits of Liability

Weck Laboratories, Inc. performs services in accordance with normal standards for the industry, using generally accepted analytical methods following guidelines published by the USEPA, Standard Methods for the Examination of Water and Wastewater and other recognized public and private organizations. When necessary, Weck Laboratories reserves the right to deviate from these methodologies in order to analyze special matrices or analytes based on reasonable judgment. The total liability of Weck Laboratories, its officers, employees, agents or successors to the client arising out of the services provided, shall not exceed the invoiced amount for such services, notwithstanding any provision to the contrary in any client purchase order or contract, unless different terms are authorized in advance in writing, by an officer of the Company. Full Terms & Conditions at www.wecklabs.com

Fee schedule

The following pages contain the individual prices for services provided by Weck Laboratories. The prices can be used to estimate the cost for the analytical portion of a particular project, however the laboratory should be contacted to obtain an accurate quotation since in many cases discounts can be applied for multiple samples, for large projects or long term monitoring; besides, our technical personnel can assist in accurately selecting the analytical protocols needed for a particular project taking into consideration all regulatory and technical aspects in order to provide a cost effective solution.



Inorganics & General Chemistry (Water)	Method	Price
Alkalinity, Bicarbonate	SM 2320B	\$32
Alkalinity, Carbonate	SM 2320B	\$32
Alkalinity, Hydroxide	SM 2320B	\$32
Alkalinity, total	SM 2320B	\$32
Ammonia-N	EPA 350.1	\$32
Asbestos	EPA 100.2	\$159 ¹
Biochemical Oxygen Demand	SM 5210 B	\$58
Biochemical Oxygen Demand, Carbonaceous	SM 5210 B	\$58
Bromate	EPA 300.1	\$69
Bromate, low level	EPA 326.0	\$106
Bromide	EPA 300.0	\$32
Bromide, low level	EPA 300.1/326	\$69
Carbon Dioxide	SM 4500-CO2 D	\$51
Carbon, Dissolved Organic (DOC)	SM 5310C	\$64
Carbon, Total Organic (TOC) Combustion-IR	SM 5310 B	\$51
Carbon, Total Organic (TOC) Persulfate-UV	SM 5310 C	\$51
Chemical Oxygen Demand	EPA 410.4	\$37
Chloramine	SM 4500-ClO2 D	\$90
Chlorate	EPA 300.1	\$69
Chloride	EPA 300.0	\$32
Chlorine Demand	SM 2350 B	\$191
Chlorine Dioxide	SM 4500-ClO2 D	\$74
Chlorine, Residual, Free	SM 4500-Cl G	\$37
Chlorine, Residual, Total	SM 4500-Cl G	\$37
Chlorite	EPA 300.1	\$69
Chlorite, UV low level	EPA 326	\$69
Chlorophyll	SM 10200H	\$106
Chromium, Hexavalent	EPA 7196A	\$48
Chromium, Hexavalent	SM 3500-Cr D	\$48
Chromium, Hexavalent (IC)	EPA 218.6	\$106
Chromium, Hexavalent (IC)	EPA 218.7	\$127
Chromium, Hexavalent (IC)	EPA 7199	\$106
Color	SM 2120B	\$19
Cyanates	SM 4500-CN L	\$75
Cyanide, amenable	ASTM D7511	\$80
Cyanide, free	OIA 1677	\$53
Cyanide, total (drinking water)	EPA 335.4	\$53
Cyanide, total (non-potable water)	ASTM D7511	\$53
Cyanide, WAD	EPA 335.4	\$53
Density	ASTM D1475	\$32
Flashpoint	ASTM D93/EPA 1010	\$53
Fluoride	EPA 300.0	\$32
Halogens, Total Organic (TOX)	EPA 9020B	\$127
Halogens, Total Organic (TOX)	SM 5320 B	\$80
Hardness	EPA 200.7	\$48
Hydrogen Peroxide low level	FMC	\$90
Ignitability / Flashpoint	EPA 1010	\$53
Iodide	EPA 9056 M	\$74
Iron, Ferrous	SM 3500-Fe B	\$32
Langelier index	SM 2330 B	\$95
Nitrate-N	EPA 353.2	\$32
Nitrate-NO3	EPA 353.2	\$32
Nitrite-N	EPA 353.2	\$32
Nitrite-NO2	EPA 353.2	\$32



Nitrogen, Inorganic	EPA 350.1+353.2	\$159
Nitrogen, Organic	SM4500Norg B	\$106
Nitrogen, Total	EPA 353.2+351.2	\$106
Nitrogen, Total Kjeldahl (TKN)	EPA 351.2	\$80
NO ₂ +NO ₃ -N	EPA 353.2	\$42
Odor	EPA 140.1	\$19
Oil and Grease	EPA 1664A	\$58
Oil and Grease, Non-polar	EPA 1664A	\$69
Orthophosphate-P	EPA 365.3	\$32
Orthophosphate-PO ₄	EPA 365.3	\$32
Oxidation-Reduction Potential of Water	SM 2580B	\$27
Oxygen, Dissolved	SM 4500-O G	\$32
Partical size distribution	ASTM D4464M	\$212
Perchlorate (IC)	EPA 314.0	\$64
Perchlorate (LC/MS/MS)	EPA 331.0	\$186
Perchlorate (LC/MS/MS)	EPA 6850	\$186
Persulfate by Permanganate titration	Klozur Titration	\$32
pH	SM 4500-H+ B	\$13
Phenolics	EPA 420.4	\$69
Phosphate, Total as PO ₄	EPA 365.3	\$48
Phosphorus, Total as P	EPA 365.3	\$48
Phosphorus, total acid hydrolyzable	EPA 365.3	\$58
Salinity	SM 2520 B	\$37
Sodium Absorption Ratio (SAR)	EPA 200.7	\$80
Solids, Settleable (SS)	SM 2540 F	\$32
Solids, Total (TS)	SM 2540 B	\$32
Solids, Total Dissolved (TDS)	SM 2540 C	\$32
Solids, Total Suspended (TSS)	SM 2540 D	\$32
Solids, Total Volatile (TVS)	EPA 160.4	\$32
Solids, Volatile Suspended (VSS)	EPA 160.4	\$32
Specific Conductance (EC)	SM 2510 B	\$27
Specific Gravity	ASTM D1429	\$32
Sulfate	EPA 300.0	\$32
Sulfide, dissolved	SM 4500-S2 D	\$27
Sulfite	SM 4500-SO ₃ B	\$42
Surfactants (Cobalt Thiocyanate Active Substances)	SM 5540 D	\$127
Surfactants (Methylene Blue Active Substances)	SM 5540 C	\$48
Thiosulfate	LACSD 253B	\$48
Turbidity	EPA 180.1	\$27
UV254	SM 5910 B	\$53

Microbiology (Water)	Method	Price
Coliform, E.Coli	SM 9221 F	\$21
Coliform, E.Coli - Quantitray	SM 9223 B	\$32
Coliform, Fecal	SM 9221 E	\$48
Coliform, Total	SM 9221 B	\$48
Coliform, Total & E.Coli (presence/absence) Colilert	SM 9223 B	\$21
Coliform, Total & E.Coli Quantitray	SM 9223 B	\$32
Coliform Group Bacterial Identification	API 20E	\$53
Enterococcus - Quantitray	Enterolert	\$69
Enterococcus - MF	EPA 1600	\$90
Fecal Streptococcus	SM 9230B	\$69
Heterotrophic Plate Count	SM 9215 B	\$32
Assimilable Organic Carbon	SM 9217B	\$530
Radiochemistry (Water)	Method	Price
Gross Alpha	EPA 900.0	\$53



Gross Beta	EPA 900.0	\$53
Gross Alpha & Beta	EPA 900.0	\$69
Uranium	EPA 200.8	\$95
Radium 226	EPA 903.1	\$159 ¹
Radium 228	EPA Ra-05	\$212 ¹
Combined Radium 226 & 228	EPA 903.1 & Ra-05	\$371 ¹
Gross radium	EPA 903.0	\$80 ¹
Tritium	EPA 906.0	\$95 ¹
Strontium 90	EPA 905.0	\$191 ¹
Radon	SM7500N	\$69

Metals by ICP & ICPMS (Water)				Method	Price
Aluminum	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Antimony	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Arsenic	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Arsenic Speciation (As3+, As5+)		EPA 200.8			\$212
Barium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Beryllium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Bismuth		EPA 200.8		EPA 6020	\$37
Boron	EPA 200.7	EPA 200.8	EPA 6010B		\$21
Cadmium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Calcium	EPA 200.7	EPA 200.8	EPA 6010B		\$21
Cerium	EPA 200.7	EPA 200.8		EPA 6020	\$37
Cesium		EPA 200.8		EPA 6020	\$37
Chromium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Cobalt	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Copper	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Dysprosium		EPA 200.8		EPA 6020	\$37
Erbium		EPA 200.8		EPA 6020	\$37
Europium		EPA 200.8			\$37
Gadolinium		EPA 200.8		EPA 6020	\$37
Gallium		EPA 200.8		EPA 6020	\$37
Germanium		EPA 200.8			\$37
Gold		EPA 200.8		EPA 6020	\$37
Holmium		EPA 200.8		EPA 6020	\$37
Indium		EPA 200.8		EPA 6020	\$37
Iridium		EPA 200.8		EPA 6020	\$37
Iron	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Lanthanum		EPA 200.8			\$37
Lead	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Lithium	EPA 200.7	EPA 200.8	EPA 6010B		\$21
Lutetium		EPA 200.8		EPA 6020	\$37
Magnesium	EPA 200.7	EPA 200.8	EPA 6010B		\$21
Manganese	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Molybdenum	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Neodymium		EPA 200.8		EPA 6020	\$37
Nickel	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Phosphorus	EPA 200.7		EPA 6010B		\$37
Potassium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Praseodymium		EPA 200.8		EPA 6020	\$37
Rhenium				EPA 6020	\$37
Rhodium		EPA 200.8			\$37
Rubidium		EPA 200.8			\$37
Ruthenium		EPA 200.8			\$37
Samarium		EPA 200.8		EPA 6020	\$37
Scandium		EPA 200.8		EPA 6020	\$37



Selenium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Selenium Speciation (Se4+ and Se6+)		EPA 200.8			\$212
Silica	EPA 200.7	EPA 200.8	EPA 6010B		\$21
Silicon	EPA 200.7		EPA 6010B		\$21
Silver	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Sodium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Strontium	EPA 200.7	EPA 200.8	EPA 6010B		\$37
Sulfur	EPA 200.7		EPA 6010B		\$58
Tantalum		EPA 200.8			\$37
Tellurium		EPA 200.8		EPA 6020	\$37
Terbium		EPA 200.8		EPA 6020	\$37
Thallium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Thorium		EPA 200.8		EPA 6020	\$37
Tin	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$37
Titanium	EPA 200.7	EPA 200.8		EPA 6020	\$37
Tungsten		EPA 200.8		EPA 6020	\$37
Uranium		EPA 200.8		EPA 6020	\$37
Vanadium	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Ytterbium		EPA 200.8		EPA 6020	\$37
Yttrium		EPA 200.8		EPA 6020	\$37
Zinc	EPA 200.7	EPA 200.8	EPA 6010B	EPA 6020	\$21
Zirconium		EPA 200.8		EPA 6020	\$37
Metals - Mercury (Water)			Method	Price	
Mercury			EPA 7470A		\$48
Mercury (AF)			EPA 245.7		\$69
Mercury (CV)			EPA 245.1		\$48
Mercury, low level			EPA 1631E		\$101
Metals - Ultra Low Level (Water)			Method	Price	
Total Aluminum - Preconcentration			EPA 1640		\$90
Total Antimony - Reductive precipitation			EPA 1640		\$90
Total Arsenic - Reductive precipitation			EPA 1640		\$90
Total Barium			EPA 1638		\$53
Total Beryllium - Reductive precipitation			EPA 1640		\$90
Total Cadmium - Preconcentration			EPA 1640		\$90
Total Chromium - Reductive precipitation			EPA 1640		\$90
Total Cobalt - Preconcentration			EPA 1640		\$90
Total Copper - Preconcentration			EPA 1640		\$90
Total Iron - Preconcentration			EPA 1640		\$90
Total Lead - Preconcentration			EPA 1640		\$90
Total Manganese - Preconcentration			EPA 1640		\$90
Total Nickel - Preconcentration			EPA 1640		\$90
Total Selenium - Coprecipitation			EPA 1640		\$90
Total Silver - Coprecipitation			EPA 1640		\$90
Total Thallium - Reductive precipitation			EPA 1640		\$90
Total Zinc - Preconcentration			EPA 1640		\$90
Pharmaceuticals, Personal Care Products & Endocrine Disruptors (PPCP/EDC)			Method	Price	
PPCP - Alkyl Phenols (GCMS-SIM)			GCMS SIM		\$371 ⁵
PPCP - Hormones (LCMSMS-APCI+)			EPA1694M-APCI		\$424 ⁵
PPCP - Morphine (LCMSMS-ESI+)			EPA1694M-ESI+		\$424
PPCP - Pharmaceuticals (LCMSMS-ESI-)			EPA1694M-ESI-		\$424 ⁵
PPCP - Pharmaceuticals (LCMSMS-ESI+)			EPA1694M-ESI+		\$424 ⁵
PPCP - Polybrominated Diphenyl Ethers (PBDEs)			GCMS SIM		\$371 ⁵
Unregulated Contaminant Monitoring Rule (Water)			Method	Price	



UCMR1 List 1	EPA 525.2	\$318	⁶
UCMR1 List 2	EPA 526	\$318	⁶
UCMR1 List 2 Phenols	EPA 528	\$318	⁶
UCMR1 List 2 Diuron & Linuron	EPA 532	\$212	⁶
UCMR2 Nitrosamines	EPA 521	\$371	⁶
UCMR2 Acetanilide Pesticide Parents	EPA 525.2	\$265	⁶
UCMR2 Pesticides & Flame Retardants	EPA 527	\$292	⁶
UCMR2 Explosives	EPA 529	\$292	⁶
UCMR2 Acetanilide Degradates	EPA 535	\$424	⁶
UCMR3 Chlorate	EPA 300.1	\$69	
UCMR3 Metals	EPA 200.8	\$106	
UCMR3 Hexavalent Chromium	EPA 218.7	\$127	
UCMR3 Volatile Organics	EPA 524.3	\$159	
UCMR3 1,4-Dioxane	EPA 522	\$191	
UCMR3 Perfluorinated Compounds	EPA 537	\$371	
UCMR3 Hormones	EPA 539	\$424	

Organics (Water)	Method	Price
1,2,3-Trichloropropane (TCP) (GCMS-SIM)	SRL 524M-TCP	\$212
1,4-Dioxane	EPA 8270M	\$191
1-Butanol	EPA 8015B	\$127
1-Propanol	EPA 8015B	\$127
2-Butoxyethanol	EPA 8015B	\$127
2-Dimethylaminoethanol	EPA 8015B	\$127
2-Ethoxyethanol	EPA 8015B	\$127
2-Methoxyethanol	EPA 8015B	\$127
Acrylamide, low level (LC/MS/MS)	EPA 8316	\$424
Aldehydes	EPA 556	\$191
Algal (Cyano-) Toxins by LCMSMS	LCMSMS ESI+	\$451
Amines (Diethyl & Triethyl)	EPA 1671	\$265
Aquatic Herbicides	EPA 538	\$424
Bicine	LC/MS/MS	\$424
Carbamates	EPA 531.1	\$159
Carbamates	EPA 8318	\$159
Chlorinated Acid Herbicides	EPA 515.3	\$159
Chlorinated Herbicides	EPA 8151A	\$265
Diethylene Glycol	EPA 8015B	\$127
Diethylene Glycol Butylether	EPA 8015B	\$127
Dioxin (2,3,7,8-TCDD) (drinking water)	EPA 1613B ATP	\$318
Dioxin (2,3,7,8-TCDD) (non-potable water)	EPA 1631B	\$636
Diquat & Paraquat	EPA 549.2	\$191
Disinfection Byproducts (Chloropicrin / Chloral Hydrate)	EPA 551.1	\$159
Dissolved (HC) gases	RSK-175	\$127
Dissolved (HC+CO2) gases	RSK-175	\$159
Dissolved (HC+H2) gases	RSK-175	\$159
Diuron	EPA 632	\$212
Endothall	EPA 548.1	\$159
Ethylene & Propylene Glycol	EPA 8015B	\$127
Ethylene glycol butyl ether, Butyl Cellosolve	EPA 8015B	\$127
Ethylene glycol monoethyl ether, Cellosolve	EPA 8015B	\$127
Ethylene glycol monomethyl ether, MethylCellosolve	EPA 8015B	\$127
Explosives	EPA 8330A	\$318
Formaldehyde & Acetaldehyde	EPA 8315A	\$212
Fumigants (EDB, DBCP)	EPA 504.1	\$148
Geosmin & 2-Methylisoborneol (MIB)	SM 6040 D	\$265
Glycol, Triethylene	EPA 8015B	\$127



Glyphosate	EPA 547	\$106
Haloacetic Acids (HAA5)	EPA 552.2	\$159
Haloacetic Acids (HAA5) - Formation Potential	EPA 552.2	\$350
Hydrazines (+MMH +UDMH)	LCMS	\$265
Isobutanol	EPA 8015B	\$127
Melamine & Cyanuric Acid	LC/MS/MS	\$424
Methanol, Ethanol, Isopropanol	EPA 8015B	\$127
Methyl Isothiocyanate (MITC)	EPA 1659M	\$265
NDMA, DMA, Bromacil (GC/NPD)	EPA 607M	\$424
Neonicotinoid Insecticides	EPA 538M	\$424
Nicotine, Cotinine, 3-Hydroxycotinine	LCMSMS	\$265
Nitrosoamines - Formation Potential	EPA 1625M	\$530
Nitrosoamines (NDMA, NDEA, etc.)	EPA 1625M	\$424
Organochlorine Pesticides	EPA 608	\$191
Organochlorine Pesticides	EPA 8081A	\$191
Organochlorine Pesticides - Appx9+Mirex	EPA 8081A	\$191
Organochlorine Pesticides & PCBs	EPA 508	\$148
Organochlorine Pesticides and PCBs	EPA 8081A/8082	\$212
Organochlorine Pesticides/PCBs - low level	EPA 608	\$191
Organophosphorus Pesticides	EPA 8141A	\$233
Organophosphorus Pesticides - low level	EPA 525.2	\$318
Parachlorobenzene Sulfonic Acid (PCBSA)	LC/MS/MS	\$318
PCB Congeners (28)	GCMSMS	\$318
PCB Congeners (56)	GCMSMS	\$477
Perfluorooctane Sulfonate & Perfluorooctanoic Acid (PFOS/PFOA)	EPA 537M	\$371
Pesticides/Herbicides by LCMSMS	EPA 8321	\$424
Phenols-SIM	EPA 8270 SIM	\$212
Polychlorinated Biphenyls	EPA 608	\$148
Polynuclear Aromatics, ultra-low level (GCMSMS)	GCMSMS	\$254
Polynuclear Aromatics-SIM	EPA 8270 SIM	\$254
Pyrethroid Pesticides (GC/MS SIM)	GC/MS NCI-SIM	\$371
Rodenticides	ASTM D7644	\$424
Semivolatile Organic Compounds	EPA 625	\$318
Semivolatile Organic Compounds	EPA 8270C	\$318
Semivolatile Organics	EPA 525.2	\$318
Semivolatile Organics - Appendix 2	EPA 8270C	\$371
Semivolatile Organics - Appendix 9	EPA 8270C	\$371
Semivolatile Organics (Regulated 3 + 507 list)	EPA 525.2	\$286
Total Trihalomethanes	EPA 524.2	\$80
Total Trihalomethanes - Formation Potential	EPA 524.2	\$191
TPH Diesel & Oil Range Organics (DRO/ORO)	EPA 8015B	\$69
TPH Gasoline Range Organics (GRO)	EPA 8015B	\$69
Tributyltin	Krone, et al, 1989	\$212
Volatile Fatty Acids	EPA 8015B	\$265
Volatile Organic Compounds	EPA 524.2	\$159
Volatile Organic Compounds	EPA 624	\$159
Volatile Organic Compounds	EPA 8260B	\$159
Volatile Organic Compounds+Oxys	EPA 8260B	\$212
Volatile Organics specific to Pharmaceutical Mfg. Industry	EPA 1666 Direct Injection	\$371
Volatile Organics specific to Pharmaceutical Mfg. Industry	EPA 1666 Purge & Trap	\$371
Inorganics & General Chemistry (Solid)	Method	Price
Bromate	EPA 300.1M	\$83
Bromide	EPA 9056	\$45
Carbon, Total Organic (TOC)	EPA 9060M	\$95
Cation Exchange Capacity	EPA 9081	\$64



Chlorate	EPA 300.1M	\$83
Chloride	EPA 9056	\$45
Chromium, Hexavalent	EPA 7196	\$101
Chromium, Hexavalent (IC)	EPA 7199	\$159
Cyanide	EPA 9014M	\$53
Density	ASTM D1475	\$32
Fluoride	EPA 9056	\$45
Halogens, Extractable Organic (EOX)	EPA 9023	\$191
Halogens, Total (TX)	EPA 9076	\$127
Halogens, Total Organic (TOX)	EPA 9020M	\$127
Ignitability by Flashpoint	EPA 1010M	\$53
Inorganic Nitrogen	EPA 350.1+353.2	\$159
Iodide in solid	EPA 9056M	\$101
Moisture, Percent	EPA 160.3	\$21
Nitrate-N	EPA 353.2M	\$45
Nitrite-N	EPA 353.2M	\$45
Nitrogen, Total	EPA 353.2+351.2	\$106
Nitrogen, Total Kjeldahl (TKN)	EPA351.2M	\$80
NO ₂ +NO ₃ -N	EPA 353.2	\$45
Oil and Grease	EPA 1664M	\$74
Oil and Grease Non-polar	EPA 1664M	\$74
Organic Nitrogen	SM 4500-Norg B	\$106
Orthophosphate-P	EPA 365.3M	\$32
Paint filter liquids test	EPA 9095A	\$32
Partical size distribution	ASTM D2862	\$80
Perchlorate (IC)	EPA 314M	\$80
Perchlorate, low level (LC/MS/MS)	EPA 331.0M	\$212
Perchlorate, low level (LC/MS/MS)	EPA 6850	\$212
pH	EPA 9045C	\$21
Phenolics	EPA 9065M	\$127
Phosphate, Total as PO ₄	EPA 365.3M	\$48
Phosphorus, Total as P	EPA 365.3M	\$48
Solids, Total Volatile (TVS)	Gravimetric	\$32
Specific Conductance (EC)	SM 2510 B m	\$27
Sulfate	EPA 9056	\$45
Sulfide, water soluble	SM 4500S2 D	\$53
Sulfite	SM 4500-SO ₃ B m	\$42
Sulfur	EPA 6010B	\$111
Surfactants - Methylene Blue Active Substances (MBAS)	SM 5540 C m	\$48
Water Content (GC)	EPA 24	\$80

Microbiology (Solid)	Method	Price
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Coliform, E. Coli	SM 9221 F m	\$21
Coliform, Fecal	SM 9221 E m	\$48
Coliform, Total & Fecal	SM 9221 B m	\$64
Heterotrophic Plate Count	SM 9215 B m	\$32

Metals by ICP & ICPMS (Solid)	Method	Price
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Aluminum	EPA 6010B	EPA 6020	\$21
Antimony	EPA 6010B	EPA 6020	\$21
Arsenic	EPA 6010B	EPA 6020	\$21
Barium	EPA 6010B	EPA 6020	\$21
Beryllium	EPA 6010B	EPA 6020	\$21
Bismuth		EPA 6020	\$37
Boron	EPA 6010B	EPA 6020	\$21
Cadmium	EPA 6010B	EPA 6020	\$21
Calcium	EPA 6010B	EPA 6020	\$21



Cerium		EPA 6020	\$37
Cesium		EPA 6020	\$37
Chromium	EPA 6010B	EPA 6020	\$21
Cobalt	EPA 6010B	EPA 6020	\$21
Copper	EPA 6010B	EPA 6020	\$21
Dysprosium		EPA 6020	\$37
Erbium		EPA 6020	\$37
Gadolinium		EPA 6020	\$37
Gallium		EPA 6020	\$37
Gold		EPA 6020	\$37
Holmium		EPA 6020	\$37
Indium		EPA 6020	\$37
Iridium		EPA 6020	\$37
Iron	EPA 6010B	EPA 6020	\$21
Lead	EPA 6010B	EPA 6020	\$21
Lithium	EPA 6010B		\$21
Lutetium		EPA 6020	\$37
Magnesium	EPA 6010B		\$21
Manganese	EPA 6010B	EPA 6020	\$21
Molybdenum	EPA 6010B	EPA 6020	\$21
Neodymium		EPA 6020	\$37
Nickel	EPA 6010B	EPA 6020	\$21
Phosphorus	EPA 6010B	EPA 6020	\$37
Potassium	EPA 6010B		\$21
Praseodymium		EPA 6020	\$37
Rhenium		EPA 6020	\$37
Samarium		EPA 6020	\$37
Scandium		EPA 6020	\$37
Selenium	EPA 6010B	EPA 6020	\$21
Silica	EPA 6010B		\$21
Silicon	EPA 6010B		\$21
Silver	EPA 6010B	EPA 6020	\$21
Sodium	EPA 6010B	EPA 6020	\$21
Strontium	EPA 6010B	EPA 6020	\$37
Sulfur	EPA 6010B		\$58
Tellurium		EPA 6020	\$37
Terbium		EPA 6020	\$37
Thalium	EPA 6010B	EPA 6020	\$21
Thorium		EPA 6020	\$37
Tin	EPA 6010B	EPA 6020	\$37
Titanium	EPA 6010B	EPA 6020	\$37
Tungsten		EPA 6020	\$37
Uranium		EPA 6020	\$37
Vanadium	EPA 6010B	EPA 6020	\$21
Ytterbium		EPA 6020	\$37
Yttrium		EPA 6020	\$37
Zinc	EPA 6010B	EPA 6020	\$21
Zirconium		EPA 6020	\$37

Metals - Mercury (Solid)		Method	Price
Mercury		EPA 7471	\$48
Organics (Solid)		Method	Price
1,4-Dioxane		EPA 8270M	\$191
Alcohol, Methanol, Ethanol, Isopropanol		EPA 8015B	\$127
Aldehydes		EPA 556M	\$265
Caprolactam (LCMS)		LCMS	\$371



Carbamates	EPA 8318	\$159
Chlorinated Herbicides	EPA 8151A	\$265
Diquat & Paraquat	EPA 549.2M	\$212
Diuron, leachable	EPA 632M	\$212
Explosives	EPA 8330A	\$318
Formaldehyde+Acetaldehyde	EPA 8315A	\$265
Fumigants (EDB, DBCP)	EPA 504.1M	\$191
Glycol, Diethylene	EPA 8015B	\$127
Glycol, Ethylene & Propylene	EPA 8015B	\$127
Glycol, Triethylene	EPA 8015B	\$127
Glyphosate	EPA 547M	\$148
Hydrazines (+MMH +UDMH)	HPLC	\$318
NDMA, DMA, Bromacil (GC/NPD)	EPA 607M	\$424
Organochlorine Pesticides	EPA 8081A	\$191
Organochlorine Pesticides and PCBs	EPA 8081A/8082	\$212
Organophosphorus Pesticides	EPA 8141A	\$233
PCB Aroclors	EPA 8082	\$148
PCB Congeners (28)	GCMSMS	\$318
PCB Congeners (56)	GCMSMS	\$477
Perfluorooctane Sulfonate & Perfluorooctanoic Acid (PFOS/PFOA)	EPA 537M	\$371
Phenols, low level (GCMS-SIM)	EPA 8270C-SIM	\$254
Polybrominated Diphenyl Ethers (PBDEs)	GCMS SIM	\$371
Polynuclear Aromatics, low level (GCMS-SIM)	EPA 8270C-SIM	\$254
Polynuclear Aromatics, ultra-low level (GCMSMS)	GCMSMS	\$371
Pyrethroid Pesticides (GCMS-SIM)	GC/MS NCI-SIM	\$371
Semivolatile Organics	EPA 8270C	\$318
Semivolatile Organics Appendix 9	EPA 8270C	\$371
TPH Diesel & Oil Range Organics (DRO/ORO)	EPA 8015B	\$69
TPH Gasoline Range Organics (GRO)	EPA 8015B	\$69
Tributyltin	Krone, et al, 1989	\$212
Volatile Organic Compounds	EPA 8260B	\$159
Volatile Organic Compounds+Oxys	EPA 8260B	\$212
Sample Preparation	Method	Price
Digestion of oil	EPA 3040	\$53
Alkaline digestion for Cr VI	EPA 3060	\$64
Filtration	---	\$16
Digestion charge/preparation for special matrix	---	\$37
WET (Waste Extraction Test)	22CCR261.24	\$80
TCLP extraction for metals and semi-volatiles	EPA 1311	\$106
TCLP zero Headspace Extraction (ZHE) for volatiles	EPA 1311	\$138
Gel Permeation Chromatography		\$106
Analytical Groups	Method	Price
General Mineral Group	Various	\$223 ³
General Physical [Color, Odor and Turbidity]	EPA 110.2 / 140.1 / 180.1	\$42
Inorganic Chemicals Group	Various	\$318 ⁴
CAM Metals (16) add mercury separately		\$260 ²
AIR EMISSIONS - AQMD REGULATIONS	Method	Price
VOC calculation with exempt solvents	EPA 24 / ASTM D3960	\$318 ⁷
Acetone method 311	SCAQMD 311	\$106
VOC speciation by GC/MS	GC/MS	\$200
Rule 1420 Lead analysis - Ambient (other elements available)	SCAQMD Rule 1420	\$53
Activated Carbon - Hydrogen Sulfide Breakthrough Capacity	ASTM D6646-03	\$477
Other AQMD test methods	SCAQMD	Quote
FOOD, PHAMACEUTICAL & NUTRITIONAL SUPPLEMENTS	Method	Price
Arsenic Speciation (As3+, As5+)	LC-ICP-MS	\$212



Arsenic Speciation (As3+, As5+, MMA, DMA, and AsB)	LC-ICP-MS	\$265
Coliform, Total	FDA BAM Ch.4	\$64
Methyl Mercury	LC-ICP-MS	\$239
Multi-Residue Pesticide Screen	GC-MSMS	Quote
Multi-Residue Pesticide Screen	LC-MSMS	Quote
Polynuclear Aromatic Hydrocarbons	GC-MSMS	\$371
Residual Solvents	USP 467	\$424
Salmonella	FDA BAM Ch.5	\$53
Selenium Speciation (Se4+ and Se6+)	LC-ICP-MS	\$212
TOC cleaning verification	USP <643>	\$265
USP 191 Calcium Identification	USP 191	\$32
USP 232 Arsenic, metal	USP 232	\$32
USP 232 Cadmium, metal	USP 232	\$32
USP 232 Copper, metal	USP 232	\$32
USP 232 Iridium, metal	USP 232	\$32
USP 232 Iron, metal	USP 232	\$32
USP 232 Lead, metal	USP 232	\$32
USP 232 Mercury, metal	USP 232	\$32
USP 232 Metals Package	USP 232	\$292
USP 232 Molybdenum, metal	USP 232	\$32
USP 232 Nickel, metal	USP 232	\$32
USP 232 Osmium, metal	USP 232	\$32
USP 232 Palladium, metal	USP 232	\$32
USP 232 Platinum, metal	USP 232	\$32
USP 232 Rhodium, metal	USP 232	\$32
USP 232 Ruthenium, metal	USP 232	\$32
USP 232 Vanadium, metal	USP 232	\$32
USP 541 Calcium Carbonate Assay - Titrimetric	USP 541	\$42
USP Monograph for Acid Insoluble Substances	USP Monograph	\$21
USP Monograph for Barium Impurity	USP Monograph	\$21
USP Monograph for Limit Magnesium and Alkali Salts	USP Monograph	\$48
USP Monograph for Limit of Fluoride	USP Monograph	\$53
Yeast & Molds	AOAC 997.02	\$27

AWWA Chemical Purity	Method	Price
Free Acid	AWWA B407-12	\$42
Iron, Ferric	AWWA B407-12	\$42
Iron, Ferrous	AWWA B407-12	\$42
Iron, Total	AWWA B407-12	\$42
Total Insoluble Matter	AWWA B407-12	\$42

Activated Carbon	Method	Price
Apparent Density	ASTM D2854	\$37
Ash, Percent @ 650 deg. C	ASTM 2866	\$48
Ball-Pan Hardness	ASTM D3802	\$90
Butane Activity	ASTM D5742	\$90
H2S Breakthrough Capacity	ASTM D6646	\$477
Partical Size Distribution & Mean Particle Diameter	ASTM D2862	\$53
Moisture, Percent	ASTM D2867	\$32
pH Value	EPA 9045C	\$21
Iodine, Triple Point	ASTM D4607	\$477
Iodine, Single Point	ASTM D4607M	\$159
Volatile Matter Content	ASTM D5832	\$85
Water Soluble	ASTM D5029	\$80

FIELD SERVICES	Price
24 hour composite sampling of wastewater	\$200 ⁸
Grab samples	\$75 ⁸



Sample pick-up	\$75 ⁸
Other sampling (soil, groundwater, air)	Quote
Field technician, per hour	\$95
Field equipment rental	Quote
Mileage charge, per mile	\$1.10
OTHER SERVICES	Price
Expert witness / litigation, per hour	\$530
Field technician, per hour	\$95
Chemist, per hour	\$106
Project Manager / IT Manager, per hour	\$127
QA Manager / Lab Director, per hour	\$148
QC Data packages	^{9, 10}
Level IV (CLP Like Data Package)	15%
Level III (Summary CLP like Data Package)	10%
Level II (Standard QC Data Package)	No charge
Copies of chromatograms added to Level II, per analysis	\$15
Special QC requirements for contract specific QAPP	Quote
Electronic deliverables	⁹
EDD on disk in standard formats	5%
EDD in special format required by client	Quote
Other Surcharges	
RUSH Surcharges - same workday	150%
RUSH Surcharges - 1 workday	100%
RUSH Surcharges - 2 to 3 workdays	75%
RUSH Surcharges - 4 to 5 workdays	30%
Extraction Rush Charge - same workday	75% ¹¹
Extraction Rush Charge - 1 workday	50% ¹¹
Weekend charge, per batch, per day	\$80 ¹²
Holiday charge, per batch, per day	\$160
Wastewater self-monitoring reports (LACSD)	\$20
Minimum Charge per work order	\$200

FOOTNOTES

- 1 = Subcontracted tests
2 = As Ag Ba Be Cd Co Cr Cu Mo Ni Pb Sb Se Ti V Zn
3 = Sodium, potassium, calcium, magnesium, bicarbonate, carbonate, hydroxide alkalinity, fluoride, nitrate, chloride, sulfate, pH, specific conductance, total dissolved solids, total hardness, copper, iron, manganese, zinc and MBAS
4 = Regulated trace metals (Al Sb As Ba Be Cd Cr Pb Hg Ni Se Ag Tl), cyanide, fluoride, nitrate and nitrite
5 = Please contact the lab for a list of target compounds
6 = UCMR must be pre-scheduled with lab prior to sampling
7 = VOC calculation with exempt solvents includes volatile content, density, water & exempt solvents by GC
8 = Prices may be higher for some geographical areas or difficult to reach sampling points.
9 = Please contact the lab for a detailed description of deliverables or www.wecklabs.com
10 = Surcharge applies if packages are requested with the work order. Prices may be higher if data retrieval is needed.
11 = Charge applied when insufficient holding time remains upon receipt
12 = Charge applies to set up or read bacteriological samples, BOD5 and other tests.